

840 Request for Quotation

Functional Group ID=**RQ**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Request for Quotation Transaction Set (840) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with the ability to solicit price, delivery schedule, and other items from potential sellers of goods and services.

Notes:

1. This draft Implementation Convention (IC) is used to solicit quotations for large or small purchases, or to amend, cancel or reissue a solicitation. In this convention, the terms solicit and quote are used generically and encompass such other terms as Invitation for Bid (IFB) and Bid; Request for Proposal (RFP) and Proposal, Broad Agency Announcement (BAA) and Request for Information (RFI). This convention can be used to transmit the solicitation information including conditions of sale, fill-in clauses, Contract Data Requirements Lists, Contract Security Classification Specification, hazardous material data and MIL-STD-2073 packaging requirements. It can also be used to solicit multiple prices based on various quantities, delivery to geographic zones (states or countries), different packaging requirements, or to request price breaks for various quantities.

2. When BQT01 is code 02, 03, or 04, use only those segments and data elements that are mandatory or necessary to add, delete, or change data in the solicitation. Transmit the segment(s) or loop(s) containing the added, deleted or changed data in their entirety.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BQT	Beginning Segment for Request for Quotation	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
10	040	CUR	Currency	O	1		
12	050	REF	Reference Numbers	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
15	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
17	110	CSH	Header Sale Condition	O	25		
20	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
23	150	DTM	Date/Time Reference	O	10		
26	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
28	190	PID	Product/Item Description	O	200		
30	200	MEA	Measurements	O	40		
36	210	PWK	Paperwork	O	25		
40	220	PKG	Marking, Packaging, Loading	O	200		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
42	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
44	260	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5		

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45	270	MAN	Marks and Numbers	O	10
46	280	RRA	Required Response	O	100
LOOP ID - N9					1000
47	290	N9	Reference Number	O	1
50	300	MSG	Message Text	O	1000
LOOP ID - N1					10000
51	310	N1	Name	O	1
55	320	N2	Additional Name Information	O	2
56	330	N3	Address Information	O	2
57	340	N4	Geographic Location	O	>1
Not Used	350	REF	Reference Numbers	O	12
59	360	PER	Administrative Communications Contact	O	>1
Not Used	370	FOB	F.O.B. Related Instructions	O	1
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2
61	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	400	TD3	Carrier Details (Equipment)	O	12
63	410	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5
64	420	PKG	Marking, Packaging, Loading	O	200
Not Used	430	RRA	Required Response	O	25
LOOP ID - SPI					1
66	440	SPI	Specification Identifier	O	1
68	450	REF	Reference Numbers	O	5
69	460	DTM	Date/Time Reference	O	5
70	470	MSG	Message Text	O	50
LOOP ID - N1					20
71	490	N1	Name	O	1
73	500	N2	Additional Name Information	O	2
74	510	N3	Address Information	O	2
75	520	N4	Geographic Location	O	1
Not Used	530	REF	Reference Numbers	O	20
76	540	G61	Contact	O	1
77	550	MSG	Message Text	O	50
LOOP ID - CBI					>1
78	560	CB1	Contract and Cost Accounting Standards Data	O	1
81	570	REF	Reference Numbers	O	20
82	580	DTM	Date/Time Reference	O	5
83	590	LDT	Lead Time	O	1
84	600	MSG	Message Text	O	50

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PO1							100000
85	010	PO1	Baseline Item Data	M	1		
90	020	CUR	Currency	O	1		
92	025	CN1	Contract Information	O	1		
94	030	PO3	Additional Item Detail	O	25		
96	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
99	049	MEA	Measurements	O	40		
LOOP ID - PID							1000
104	050	PID	Product/Item Description	O	1		
106	060	MEA	Measurements	O	10		
108	070	PWK	Paperwork	O	25		
112	080	PKG	Marking, Packaging, Loading	O	200		
114	090	PO4	Item Physical Details	O	>1		

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117	100	REF	Reference Numbers	O	>1				
120	110	PER	Administrative Communications Contact	O	3				
122	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25				
125	140	IT8	Conditions of Sale	O	25				
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2				
Not Used	160	DIS	Discount Detail	O	20				
Not Used	170	TAX	Tax Reference	O	3				
128	180	FOB	F.O.B. Related Instructions	O	>1				
130	190	SDQ	Destination Quantity	O	50				
132	200	DTM	Date/Time Reference	O	10				
Not Used	230	FST	Forecast Schedule	O	>1				
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1				
135	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				
Not Used	260	TD3	Carrier Details (Equipment)	O	12				
137	270	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5				
138	280	MAN	Marks and Numbers	O	10				
139	290	RRA	Required Response	O	25				
140	295	MSG	Message Text	O	1000				
141	296	SPI	Specification Identifier	O	>1				
LOOP ID - SCH					104				
143	297	SCH	Line Item Schedule	O	1	n2			
Not Used	298	TD1	Carrier Details (Quantity and Weight)	O	2				
Not Used	299	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				
Not Used	300	TD3	Carrier Details (Equipment)	O	12				
Not Used	301	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				
LOOP ID - LDT					>1				
145	302	LDT	Lead Time	O	1				
147	303	QTY	Quantity	O	>1				
149	304	MSG	Message Text	O	1				
LOOP ID - LM					1				
150	305	LM	Code Source Information	O	1				
151	306	LQ	Industry Code	M	1				
LOOP ID - SLN					1000				
Not Used	308	SLN	Subline Item Detail	O	1				
Not Used	310	PID	Product/Item Description	O	1000				
LOOP ID - N9					1000				
152	320	N9	Reference Number	O	1				
155	330	MSG	Message Text	O	1000				
LOOP ID - N1					>1				
156	340	N1	Name	O	1				
159	350	N2	Additional Name Information	O	2				
160	360	N3	Address Information	O	2				
161	370	N4	Geographic Location	O	1				
Not Used	380	REF	Reference Numbers	O	12				
162	390	PER	Administrative Communications Contact	O	3				
Not Used	400	FOB	F.O.B. Related Instructions	O	1				
164	405	SCH	Line Item Schedule	O	200				
Not Used	410	TD1	Carrier Details (Quantity and Weight)	O	2				
166	420	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				
Not Used	430	TD3	Carrier Details (Equipment)	O	12				
168	440	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5				
169	450	PKG	Marking, Packaging, Loading	O	200				
Not Used	460	RRA	Required Response	O	25				
Not Used	465	CTP	Pricing Information	O	1				

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Not Used	469	PAM	Period Amount	O	10			
			LOOP ID - LDT			>1		
171	470	LDT	Lead Time	O	1			
173	480	MAN	Marks and Numbers	O	10			
174	490	QTY	Quantity	O	5			
176	500	MSG	Message Text	O	1000			

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
177	010	CTT	Transaction Totals	M	1		n3
178	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used, the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	ST Transaction Set Header
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 840 X12.7 Request for Quotation	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.</i>	M AN 4/9

Segment:	BQT Beginning Segment for Request for Quotation
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a Request for Quotation Transaction Set and transmit identifying numbers and dates
Syntax Notes:	1 If either BQT04 or BQT05 is present, then the other is required.
Semantic Notes:	1 BQT03 is the date to be used for reference purposes in an RFQ and a response to RFQ.
Comments:	

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BQT01	353 Transaction Set Purpose Code	M ID 2/2
		Code identifying purpose of transaction set	
		<i>Use to identify the purpose of the transaction set.</i>	
		00 Original	
		<i>Use to indicate an original solicitation.</i>	
		01 Cancellation	
		<i>Use to indicate the cancellation of a previously transmitted solicitation. Do not use when the solicitation is to be reissued. In this case use code 17.</i>	
		02 Add	
		<i>Use to indicate an amended solicitation that is adding a new or first occurrence of a free standing segment(s) or a new or first iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be added in their entirety.</i>	
		03 Delete	
		<i>Use to indicate an amended solicitation that is deleting, without replacement, an entire occurrence of a free standing segment(s) or an entire iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be deleted in their entirety.</i>	
		04 Change	
		<i>Use to indicate an amended solicitation that contains a combination of data additions, deletions or changes to a previously transmitted solicitation. When used, transmit all segments or loops that contain data additions, deletions or changes in their entirety. Use this code only when codes 02 or 03 do not apply.</i>	
		05 Replace	
		<i>Use to indicate a conformed solicitation, i.e., a solicitation that includes all amendments.</i>	
		07 Duplicate	
		<i>Use to indicate the re-transmission of a previously transmitted solicitation.</i>	
		14 Advance Notification	
		<i>Use to indicate a pre-solicitation announcement , e.g., a Commerce Business Daily (CBD) synopsis.</i>	
		17 Cancel, to be Reissued	
		<i>Use to indicate a cancellation of a previously transmitted solicitation only when the solicitation is to be reissued. Otherwise, use code 01 to cancel a previously transmitted solicitation.</i>	

			18	Reissue <i>Use to indicate the reissue of a previously canceled solicitation. Use only when code 17 was previously used to cancel a solicitation. When used, if the reissued solicitation has a new number, cite the original solicitation in the 1/REF/050 segment using code KS in REF01.</i>
			22	Information Copy <i>Use to indicate an information copy of an original solicitation. This information copy is sent to addressees other than the solicited parties.</i>
			24	Draft <i>Use to indicate the transmission of complete or partial data regarding a draft solicitation. This code will be used when requesting comments on a draft solicitation from potential offerors.</i>
M	BQT02	586	Request for Quote Reference Number Number assigned by the purchaser to identify his request for quote <i>Use to identify the unique number assigned to the solicitation, regardless of the type of solicitation. If this is an amendment to a solicitation (BQT01 is either Code 02, 03, 04, 05 or 18 (if the original solicitation number is retained) and BQT07 is Code 06), the solicitation number and amendment number will be concatenated.</i>	M AN 1/45
M	BQT03	373	Date Date (YYMMDD) <i>Use to identify either the date of the solicitation (when BQT01 is one of codes 00, 01, 07, 17, 18 (if a new solicitation number is used), or 22); the date of an advance notification (when BQT01 is code 14); the date of the amendment (when BQT01 is one of codes 02, 03, 04, 05, or 18 if the original solicitation number is retained); or the date of a draft solicitation when BQT01 is code 24.</i>	M DT 6/6
X	BQT04	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
X	BQT05	373	Date Date (YYMMDD)	X DT 6/6
	BQT06	92	Purchase Order Type Code Code specifying the type of Purchase Order <i>Use to identify the type of award instrument that is expected to be issued as a result of this solicitation.</i>	O ID 2/2
		KA	Agreement <i>Use to indicate cooperative agreements and other agreements.</i>	
		KB	Blanket Purchase Agreement	
		KC	Contract	
		KD	Basic Agreement	
		KE	Basic Ordering Agreement	
		KG	Grant	
		KI	Indefinite Delivery Indefinite Quantity	
		KN	Purchase Order	
		KQ	Indefinite Delivery Definite Quantity	
		KR	Requirements	
		KS	Letter Contract	
		KT	Task Order	
		LS	Lease <i>Use to indicate a lease agreement as the type of intended award instrument. When equipment rental is to be awarded pursuant to another type of instrument (purchase order, delivery order, contract, etc.), use the appropriate listed code in this data element and use</i>	

			<i>code ER in BQT10.</i>	
		RL	Release or Delivery Order	
			<i>Use to indicate releases, calls, or delivery orders against existing award instruments, e.g., if soliciting quotes for a Federal Supply Schedule item.</i>	
		ZZ	Mutually Defined	
			<i>Use to indicate an undefinitized contract action (UCA) other than a letter contract.</i>	
BQT07	960	Request for Quote Type Code		O ID 2/2
		Code specifying the type of request for quote		
			<i>Use to indicate the type of solicitation.</i>	
		01	Request For Quote	
		03	Invitation for Bid	
		04	Request for Proposal	
		06	Amendment to Solicitation	
		07	Request for Technical Proposal	
		08	Request for Price Proposal	
		09	Request for Information	
		11	Broad Announcement	
			<i>Use to indicate a Broad Agency Announcement.</i>	
		BF	Best and Final	
BQT08	1166	Contract Type Code		O ID 2/2
		Code identifying a contract type		
			<i>Use to identify the type of pricing arrangement for the award instrument that is expected to result from this solicitation. If there are line items that may have a different pricing arrangement, that pricing arrangement should be specified in the 2/CN1/025 segment within the PO1 loop that is applicable to the line item. Both BQT08 and the 2/CN1/025 segment can be included in the transaction set if needed.</i>	
		CA	Cost Plus Incentive Fee (With Performance Incentives)	
		CB	Cost Plus Incentive Fee (Without Performance Incentives)	
		CH	Cost Sharing	
		CS	Cost	
		CW	Cost Plus Award Fee	
		CX	Cost Plus Fixed Fee	
		FB	Fixed Price Incentive Firm Target (With Performance Incentive)	
		FC	Fixed Price Incentive Firm Target (Without Performance Incentive)	
		FD	Fixed Price Redetermination	
			<i>Use to indicate a prospective fixed price redetermination award instrument.</i>	
		FF	Fixed Price Incentive Successive Target (With Performance Incentive)	
		FG	Fixed Price Incentive Successive Target (Without Performance Incentive)	
		FH	Fixed Price Award Fee	
		FJ	Fixed Price Level of Effort	
		FK	No Cost	
		FR	Firm Fixed Price	
		FX	Fixed Price with Economic Price Adjustment	
		LH	Labor Hours	
		TM	Time and Materials	
		ZZ	Mutually Defined	
			<i>Use to indicate a retroactive fixed price redetermination award instrument.</i>	
BQT09	786	Security Level Code		O ID 2/2
		Code indicating the level of confidentiality assigned by the sender to the information following		
			<i>Use to identify the highest level of government security classification</i>	

		<i>applicable to the solicitation.</i>	
BQT10	1232	92	Government Confidential
		93	Government Secret
		94	Government Top Secret
		Purchase Category	O ID 2/2
		Code identifying the broad category of products or services being acquired	
		<i>Use to identify the category applicable to the solicitation.</i>	
		AE	Architect and Engineering
		CN	Construction
		DR	Demolish, Dismantle or Replace
		ER	Equipment Rental
		IR	Inspect and Repair as Necessary
		MD	Modification
		OV	Overhaul
		RD	Research and Development
		<i>Includes traineeships and fellowships.</i>	
		RE	Repair
		SB	Shipbuilding
		SP	Supplies
		SU	Subsistence
		SV	Services
		TE	Test and Evaluation
		UT	Utilities

Segment: **CUR** Currency
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Notes: 1. *Use to indicate that quotes may be submitted in a currency other than US dollars. Do not use when quotes are to be submitted only in US dollars. When used, one currency, other than US dollars must be cited in CUR02. CUR05 may be used to cite a second acceptable currency.*

2. *If quotes may be submitted in any currency, use the 1/N9/290 loop with code KD in N901 and use the 1/MSG/300 segment to provide that instruction.*

3. *If quotes may be submitted in different currencies for individual line items, use the 2/CUR/020 segment to identify the currency for the line item.*

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	CUR01	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			C5	Party Submitting Quote
				<i>Use to indicate that a quoting party may quote in a currency cited in CUR02 or CUR05.</i>
M	CUR02	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
				<i>Use any code other than the code for US dollars.</i>
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	CUR03	280	Exchange Rate	O R 4/6
			Value to be used as a multiplier conversion factor to convert monetary value	
			from one currency to another	
X	CUR04	98	Entity Identifier Code	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	CUR05	100	Currency Code	O ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
				<i>Use any code other than the code for US dollars.</i>
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	CUR06	669	Currency Market/Exchange Code	O ID 3/3
			Code identifying the market upon which the currency exchange rate is based	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

X	CUR07	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 3/3
X	CUR08	373	Date Date (YYMMDD)	O	DT 6/6
X	CUR09	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O	TM 4/8
X	CUR10	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 3/3
X	CUR11	373	Date Date (YYMMDD)	X	DT 6/6
X	CUR12	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8
X	CUR13	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 3/3
X	CUR14	373	Date Date (YYMMDD)	X	DT 6/6
X	CUR15	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8
X	CUR16	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 3/3
X	CUR17	373	Date Date (YYMMDD)	X	DT 6/6
X	CUR18	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8
X	CUR19	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 3/3
X	CUR20	373	Date Date (YYMMDD)	X	DT 6/6
X	CUR21	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

1. Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items. If the reference numbers vary by line item, use the 2/REF/100 segment.

2. There must be one occurrence of this REF segment in all transmissions when BQT01 is code 00, 05, 07, 14, 18, or 24, with REF01 citing code IJ or PG. Use of this segment with REF01 citing code IJ or PG is optional when BQT01 is code 02, 03, 04, or 22.

Data Element Summary

M	Ref. Des.	Data Element	Name	Attributes
	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
		16	Military Interdepartmental Purchase Request (MIPR) Number	
		2E	Foreign Military Sales Case Number	
			<i>Use to indicate the items being solicited are for a Foreign Military Sale (FMS).</i>	
		2S	Catalog	
			<i>Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source can be found.</i>	
		2Y	Wage Determination	
			<i>Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.</i>	
		73	Statement of Work (SOW)	
			<i>If a Statement of Work is part of the solicitation, the PWK segment can be used to indicate how the SOW is being provided if it is not included in the transaction set.</i>	
		97	Package Number	
		CT	Contract Number	
			<i>Use to indicate an existing contractual instrument applicable to this solicitation.</i>	
		DG	Drawing Number	
		DS	Defense Priorities Allocation System (DPAS) Priority Rating	
			<i>When used, the code cited in REF02 is a 4 position code.</i>	
		IJ	Standard Industry Classification (SIC) Code	
			<i>Use to indicate the Standard Industry Classification code that is applicable to the solicitation.</i>	
		IL	Internal Order Number	
			<i>Use to indicate the requisition, Military Standard Requisitioning and Issue Procedures (MILSTRIP) or Federal Standard Requisitioning and Issue Procedures</i>	

	<i>(FEDSTRIP), document number.</i>
IQ	End Item <i>Use to indicate the end item to which the solicited items apply.</i>
IX	Item Number <i>Use to indicate a Federal Supply Schedule (FSS) special item number.</i>
K4	Criticality Designator <i>Use to indicate the surveillance criticality designator that will be applicable to any award instrument resulting from the solicitation.</i>
KS	Solicitation <i>When BQT01 is code 18 and a new solicitation number is assigned, use to indicate the original solicitation number.</i>
LT	Lot Number
LX	Qualified Products List <i>When CSH01 is code QP, QM, or QB, use to indicate the Qualified Product List, Qualified Manufacturer List or Qualified Bidders List number.</i>
NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number
NL	Technical Order Number
P4	Project Code <i>Use to indicate the project number applicable to the solicitation.</i>
PG	Product Group <i>1. Use to indicate a North American Industrial Classification System (NAICS) code. When this code is used, the code cited in REF02 can be found at http://www.census.gov/epcd/www/naics.html.</i> <i>2. The NAICS code MUST be 6 digits. If the NAICS code is less than 6 digits, add a trailing zero.</i>
PH	Priority Rating <i>Use to indicate the MILSTRIP/FEDSTRIP priority rating.</i>
QC	Product Specification Document Number
RQ	Purchase Requisition No. <i>Use to indicate the Purchase Request (PR) number or Purchase Request Order Number (PRON).</i>
RS	Returnable Container Serial Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number <i>Use to indicate a specification number other than a Military Specification (MIL-SPEC). When used, cite the specification number in REF02 and identify the issuing activity in REF03.</i>
T4	Signal Code
TN	Transaction Reference Number <i>1. Use to indicate the unique reference number of a related transaction set (e.g. an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is carried in SPI02.</i> <i>2. When used, cite the related transaction set's unique number in REF02 and cite the X12 transaction set designator of the related transaction set, e.g., 841, in</i>

		REF03.	
		TP	Test Specification Number
		VW	Standard
		<i>Use to indicate a standard other than a Military Standard (MIL-STD). When used, cite the standard number in REF02, e.g., ASTM D3951, and, if necessary, further identify the standard in REF03.</i>	
		W2	Weapon System Number
		<i>Use to indicate the Weapon System code.</i>	
		W6	Federal Supply Schedule Number
		W8	Suffix
		<i>Use to indicate a MILSTRIP/FEDSTRIP requisition suffix number. This code can be used if there is ONLY one occurrence of the REF segment with code IL in REF01.</i>	
		WK	Type of Science Code
		<i>When BQT07 is code 11, use to indicate the science category applicable to the research work being solicited.</i>	
		WL	Federal Supply Classification Code
		XE	Transportation Priority Number
		ZZ	Mutually Defined
		<i>Use to indicate another type of reference number. When used, identify the nature of the number in REF03.</i>	
REF02	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
		<i>If a document has a revision or extension, the document number and the revision or extension number should be concatenated and cited in this data element.</i>	
REF03	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>1. Use to carry additional information related to a reference number cited in REF02.</i>	
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

Segment:	FOB F.O.B. Related Instructions
Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	<ol style="list-style-type: none"> 1 If FOB03 is present, then FOB02 is required. 2 If FOB04 is present, then FOB05 is required. 3 If FOB07 is present, then FOB06 is required. 4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 FOB01 indicates which party will pay the carrier. 2 FOB02 is the code specifying transportation responsibility location. 3 FOB06 is the code specifying the title passage location. 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	
Notes:	<p><i>1. Use this 1/FOB/080 segment if the FOB point and the acceptance location apply to all of the line items. When the FOB point and/or acceptance location varies by line item, use the 2/FOB/180 segment.</i></p> <p><i>2. If the FOB point varies by delivery zone or destinations within a delivery zone, use the 1/N1/310 loop citing code DZ in N101, identify the delivery zone in N103/104 citing code ZN in N103 and identify the FOB point in N405/406.</i></p> <p><i>3. This segment is not used when the solicitation is for construction or a service without deliverables.</i></p>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	FOB01	146 Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		BP Paid by Buyer	
		<i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i>	
		PE Prepaid and Summary Bill	
		<i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP Prepaid (by Seller)	
		<i>Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on the award instrument's invoice.</i>	
		PS Paid by Seller	
		<i>Use to indicate transportation charges are included in the unit price.</i>	
	FOB02	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
		<i>Use to identify the FOB point.</i>	
		DE Destination (Shipping)	
		FV Free Alongside Vessel (Free On Board [F.O.B.] Point)	
		IT Intermediate FOB Point	
		<i>Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.</i>	
		KE Port of Embarkation	
		<i>Use to indicate that the FOB Point is an overseas port</i>	

				<i>of embarkation, either aerial or water, for delivery of Government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.</i>
			KL	Port of Loading <i>Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.</i>
			OR	Origin (Shipping Point)
			W	Worldwide Geographic Location Code <i>Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.</i>
			ZZ	Mutually Defined <i>Use to indicate an Other FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.</i>
X	FOB03	352	Description	O AN 1/80 A free-form description to clarify the related data elements and their content
X	FOB04	334	Transportation Terms Qualifier Code	O ID 2/2 Code identifying the source of the transportation terms Refer to 003050 Data Element Dictionary for acceptable code values.
X	FOB05	335	Transportation Terms Code	X ID 3/3 Code identifying the trade terms which apply to the shipment transportation responsibility Refer to 003050 Data Element Dictionary for acceptable code values.
	FOB06	309	Location Qualifier	X ID 1/2 Code identifying type of location <i>Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.</i>
			DE	Destination (Shipping)
			OR	Origin (Shipping Point)
			ZZ	Mutually Defined <i>1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 1/N1/310 loop, citing code 7M in N101.</i> <i>2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 1/N1/310 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.</i>
X	FOB07	352	Description	O AN 1/80 A free-form description to clarify the related data elements and their content
X	FOB08	54	Risk of Loss Qualifier	O ID 2/2 Code specifying where responsibility for risk of loss passes Refer to 003050 Data Element Dictionary for acceptable code values.
X	FOB09	352	Description	X AN 1/80 A free-form description to clarify the related data elements and their content

Segment:	CSH Header Sale Condition
Position:	110
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To specify general conditions or requirements of the sale
Syntax Notes:	<ol style="list-style-type: none"> 1 If CSH02 is present, then CSH03 is required. 2 If either CSH06 or CSH07 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 CSH03 is the maximum monetary amount value which the order must not exceed. 2 CSH04 is the account number to which the purchase amount is to be charged. 3 CSH05 is the date specified by the sender to be shown on the invoice. 4 CSH06 identifies the source of the code value in CSH07. 5 CSH09 is the percent of the Set-Aside.
Comments:	
Notes:	<p><i>1. Use this 1/CSH/110 segment to identify conditions of sale that apply to all of the line items. If there are conditions of sale that apply to a specific line item, use the 2/IT8/140 segment.</i></p> <p><i>2. Use this segment also to specify special services (minimum packaging requirements) that apply to all of the line items. These special services are identified in CSH07. If this information varies by line item, cite the information in the 2/PO4/090 segment in PO404.</i></p>

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
CSH01	563	Sales Requirement Code	O ID 1/2
		Code to identify a specific requirement or agreement of sale	
		8A	Section (8a) Set-Aside
		BC	Restricted to Historically Black College or University or Minority Institution
		C	Consignment
			<i>Use to indicate an Indian (Native American) preference.</i>
		EI	Restricted to Educational Institutions
		GS	Guaranteed Sale
			<i>Use to indicate a multi-year contract will be awarded.</i>
		IP	Restricted to Industrial Preparedness Program Participants
		IS	Substitute Item Allowed
			<i>Use to indicate substitute items, including "or equal" items. To specify an "or equal" item, use code X in CSH08 in conjunction with this code.</i>
		K	Small Purchase Set Aside for Small Businesses
		LS	Labor Surplus Area Set-Aside
			<i>Use to indicate a Historically Underutilized Business (HUB) zone. If a set-aside percentage is applicable, cite the percentage in CSH09.</i>
		P	Large Purchase, Set-Aside for Small Business
		P2	Ship As Soon As Possible
			<i>Use only with DTM01 code 996.</i>
		P4	Do Not Preship
			<i>Use only when DTM01 is code 064 or 106; or when LDT01 is code AY.</i>
		Q	Small, Disadvantaged Business Set-Aside
		QB	On Qualified Bidders List
		QM	On Qualified Manufacturers List
		QP	Restricted to Qualified Products List (QPL) Products
		SC	Ship Complete

			SV	Ship Per Release	<i>Use to indicate partial shipments will not be accepted.</i>
			T	Small Business with Small, Disadvantaged Business Consideration Set-Aside	<i>Use to indicate solicited items(s) will be shipped in-place.</i>
			UC	Restricted to U.S. and Canadian Sources	
			UL	Other Unlisted Sales Condition	<i>1. Use to indicate another sales condition, e.g., a bid guarantee, is required. When used, identify the other condition in the 1/N9/290 segment using code KD in N901.</i>
					<i>2. If the other sales condition is a bid guarantee, cite the percentage of the quote required for the guarantee in CSH09. If a maximum dollar limitation applies, also cite that discrete amount in CSH03.</i>
			UP	Unrestricted Procurement	
			YI	Restricted to Young Investigator Program	
			Z	Mutually Defined	<i>Use to indicate a warranty is required.</i>
X	CSH02	564	Do-Not-Exceed Action Code O ID 1/1		
			Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
			CSH03	610	Amount X N2 1/15
			Monetary amount		
			<i>1. Use to indicate the maximum dollar limitation of the bid guarantee, if any.</i>		
			<i>2. The monetary amount cited in this data element is in US dollars.</i>		
X	CSH04	508	Account Number O AN 1/35		
			Account number assigned		
X	CSH05	373	Date O DT 6/6		
			Date (YYMMDD)		
			CSH06	559	Agency Qualifier Code X ID 2/2
			Code identifying the agency assigning the code values		
			AX ANSI Accredited Standards Committee, X12		
			CSH07	560	Special Services Code X ID 2/10
			Code identifying the special service		
			<i>Use to identify general packaging requirements when MIL-STD 2073-2C codes are not required to provide this information.</i>		
			PL	Palletizing	<i>Use to indicate palletized loads are required.</i>
			S0050	Special Packaging	<i>Use to indicate shrink wrap is required.</i>
			CSH08	566	Product/Service Substitution Code O ID 1/2
			Code indicating product or service substitution conditions		
			<i>Use only when CSH01 is Code IS to indicate any conditions applicable to offering a substitute product.</i>		
			A	No Quantity or Unit of Measure Change Allowed	
			B0	No Substitution Allowed	<i>Use only when CSH01 is a code other than code IS.</i>
			X	Equivalent Item Substitution	<i>Use to indicate an "or equal" item.</i>
			Y	Alternate Item Substitution Allowed	
			CSH09	954	Percent O R 1/10
			Percentage expressed as a decimal		
			<i>1. When CSH01 is Code 8A, K, P, Q, T, or LS (if applicable), cite the percent of the set-aside in this data element.</i>		

2. When CSH01 is code UL and the other sales condition is a bid guarantee, cite the percent of the quote amount required for the bid guarantee.

3. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

Segment: **SAC** Service, Promotion, Allowance, or Charge Information

Position: 120

Loop:

Level: Heading

Usage: Optional

Max Use: 25

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge.
If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

- Notes:**
1. Use this 1/SAC/120 segment to identify services applicable to all of the line items. If the services vary by line item, use the 2/SAC/130 segment.
 2. Offerors will respond in the quote with amounts and, if applicable, quantities, that apply to the services identified in this segment.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		R Allowance Request	
		<i>Use to comply with the mandatory nature of this data element when identifying a service or potential non-CLIN charge in SAC02 for which the bidder is to provide an amount in the offer.</i>	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		<i>Any code, other than code ZZZZ, may be used but the listed codes are preferred.</i>	
		<i>B180 Cleaning Charge</i>	
		<i>B610 Container Service Charge USA/Canada</i>	
		<i>Use to indicate a reusable container requirement.</i>	

B870 Customs Charge
C240 Disconnect Charge
C330 Distribution Fee
C370 Diversion Charge
C880 Expediting Premium
D500 Handling
D530 Hazardous Cargo Charge
D660 Hook-up charge
D820 Inside Delivery
D870 Inspection
D890 Installation and Training
D900 Installation
E340 Less Than Truckload (LTL) Charge
Use to indicate a less than carload or truckload delivery.

E400 Loading (Labor Charges)
F150 Packaging Service
F460 Postage
F560 Premium Transportation
F830 Proof of Delivery
Use to indicate a DD Form 250.

G030 Reconnect charge
G350 Rents and Leases
G470 Restocking Charge
G530 Rework
G580 Royalties
G660 Scrap Allowance
G740 Service Charge
G760 Set-up
H170 Special Tooling Charge
H430 Storage
H540 Supplemental Items
Use to indicate Contractor Acquired Parts (CAP).

H550 Surcharge
H680 Tax - Governmental
Use to indicate that the offeror is required to identify the taxes applicable to the total quote amount that are not included in the unit prices. The offeror is to specify the tax type in the 1/SAC/120 segment of the 843 transaction set by use of the appropriate code in SAC02. Codes H680 and H850 may not be used by the offeror for this purpose.

H850 Tax
Use to indicate that the offeror is required to identify total taxes applicable to the total quote amount that are included in the unit prices. The offeror will use code H850 in SAC02 of the 843 transaction set to identify these total taxes.

H990 Testing Services Charge
I260 Transportation Direct Billing
Use to indicate transportation charges that are to be pre-paid and added to the invoice.

I380 Unloading (Labor Charges)
I590 Warranties

Refer to 003050 Data Element Dictionary for acceptable code values.

X **SAC03** **559** **Agency Qualifier Code** **X** **ID 2/2**

Code identifying the agency assigning the code values

Refer to 003050 Data Element Dictionary for acceptable code values.

840 – Request for Quotation

X	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge	X	AN 1/10
X	SAC05	610	Amount Monetary amount	O	N2 1/15
X	SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 1/1
X	SAC07	332	Percent Percent expressed as a percent	X	R 1/6
X	SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O	R 1/9
X	SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	SAC10	380	Quantity Numeric value of quantity	X	R 1/15
X	SAC11	380	Quantity Numeric value of quantity	O	R 1/15
X	SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID 2/2
X	SAC13	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X	AN 1/30
X	SAC14	770	Option Number A unique number identifying available promotion or allowance options when more than one is offered	O	AN 1/20
X	SAC15	352	Description A free-form description to clarify the related data elements and their content	O	AN 1/80

Segment:	DTM Date/Time Reference
Position:	150
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of DTM02 DTM03 or DTM06 is required. 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	<p><i>1. Use this 1/DTM/150 segment to identify dates that apply to all of the line items. When the dates vary by line item, use the 2/DTM/200 segment.</i></p> <p><i>2. This segment can be used to provide a delivery date when it is expressed as an actual date. If the delivery schedule is expressed as a set period after the occurrence of some event, use the 1/LDT/160 segment.</i></p>

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		002	Delivery Requested	<i>Use to indicate that delivery is being requested earlier than required by a basic award instrument.</i>
		007	Effective	<i>Use with codes RD6 or RD8 in DTM06 to indicate the ordering period of an Agreement or an Indefinite Delivery Contract (IDC) award instrument. Specify the date range in DTM07.</i>
		017	Estimated Delivery	
		063	Do Not Deliver After	<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>
		064	Do Not Deliver Before	<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>
		077	Requested for Delivery (Week of)	<i>When this code is used, cite the beginning day of the week.</i>
		099	Bid Open (Date Bids Will Be Opened)	<i>Use to indicate the bid opening date and time.</i>
		106	Required By	<i>Use to indicate delivery is required exactly on the date specified.</i>
		174	Month Ending	<i>Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.</i>
		193	Period Start	<i>1. Use to indicate the start of a period of performance or lease.</i> <i>2. When this code is used, there must be another iteration of this segment citing code 194 in DTM01.</i>
		194	Period End	<i>1. Use to indicate the end of a period of performance or lease.</i>

					2. When this code is used, there must be another iteration of this segment citing code 193 in DTM01.
	368	Submittal			When REF01 is Code TN, use to indicate the date of a related transaction set.
	375	Delivery Start			1. Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified period.
					2. When this code is used, there must be another iteration of this segment citing code 376 in DTM01.
	376	Delivery End			1. Use to indicate the end date/time when the total quantity is to be delivered during a specified period.
					2. When this code is used, there must be another iteration of this segment citing code 375 in DTM01.
	565	Date of Property Inspection			Use to indicate the date of a site or property inspection.
	644	Meeting			Use to indicate the date and time for pre-solicitation or pre-proposal conference.
	937	Department of Labor Wage Determination Date			Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.
	996	Required Delivery			Use to indicate delivery is required on or before the specified date.
	997	Quote to be Received By			Use to indicate the date and time for quote receipt.
DTM02	373	Date		X	DT 6/6
		Date (YYMMDD)			
DTM03	337	Time		X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
		Use to identify the time of bid opening, of bid receipt, a pre-solicitation/pre-proposal conference, or if applicable, the time for a delivery. Specify time only in the HHMM format.			
DTM04	623	Time Code		O	ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
		CT			Central Time
		ET			Eastern Time
		GM			Greenwich Mean Time
		LT			Local Time
					When DTM01 is Code 099, use to indicate the bid opening time specified in DTM03 is the local time at the bid opening location.
		MT			Mountain Time
		PT			Pacific Time
DTM05	624	Century		O	N0 2/2
		The first two characters in the designation of the year (CCYY)			

DTM06	1250	Date Time Period Format Qualifier	X ID 2/3
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Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.

3. Use also to qualify a range of dates or times. Use of code RD6 or RD8 is preferred for expressing a date range.

Refer to 003050 Data Element Dictionary for acceptable code values.

DTM07	1251	Date Time Period	X AN 1/35
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Expression of a date, a time, or range of dates, times or dates and times

When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.

Segment:	LDT Lead Time
Position:	160
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	1 LDT04 is the effective date of lead time information.
Comments:	1 LDT02 is the quantity of unit of time periods.
Notes:	<p>1. Use this segment to identify time periods that quotes must remain valid for acceptance.</p> <p>2. This 1/LDT/160 segment can be also used to identify a delivery schedule that applies to all of the line items when there will be only one delivery of the total quantity. If the delivery schedule varies by line item or more than one delivery will be required for the total quantity, use the 2/LDT/302 loop. If the line item delivery schedule varies by ship-to addressee, use the 2/LDT/470 loop.</p> <p>3. Use this segment when the delivery schedule is expressed as a set time period after the occurrence of some event. The previous DTM segment is used when the delivery date is an actual date.</p>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the time range	
			AD	From date of sample approval to first product shipment
			AI	From Date of a Specified Event to Delivery
				<i>Use to indicate that the consignee or other contact must be notified within the time period cited to schedule a shipment.</i>
			AT	From Bid Opening to Expiration of Bid
				<i>Use to specify the time period for which the submitted quote must remain valid with the bid opening date as the basis.</i>
			AU	From Required-By Date to Expiration Date
				<i>Use to specify the time period the submitted quote must remain valid with the bid due date as the basis.</i>
			AV	From Date of Award to Date of Latest Delivery
			AW	From Date of Award to Date of Earliest Delivery
			AX	From Date of Award to Date of Completion
				<i>Use to indicate the required completion date, e.g., for a level of effort.</i>
			AY	From Date of Award to Date of Delivery
			AZ	From Date of Receipt of Item to Date of Approval of Item
M	LDT02	380	Quantity	M R 1/15
			Numeric value of quantity	
M	LDT03	344	Unit of Time Period or Interval	M ID 2/2
			Code indicating the time period or interval	
			CY	Calendar Year
			DA	Calendar Days
			KK	Maximum Calendar Days
				<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>
			MO	Month
			QY	Quarter of a Year
			SA	Semiannual

		WK	Weeks	
LDT04	373	Date		O DT 6/6
		Date (YYMMDD)		

Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.

Segment:	PID Product/Item Description
Position:	190
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID03 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.
Comments:	<ol style="list-style-type: none"> 1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	<p><i>1. Use this 1/PID/190 segment to provide an overall description of the solicitation that applies to all of the line items. When the descriptions vary by line item, transmit a general description in this segment, e.g., parts for the F/A-18, and use the 2/PID/050 segment to provide a description of an individual line item.</i></p> <p><i>2. Use is discouraged. Whenever possible, items should be described by successive iterations of 235/234 pairs in the 2/PO1/010 segment or by a reference number. Use codified data whenever possible.</i></p>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PID01	349	Item Description Type Code indicating the format of a description F Free-form S Structured (From Industry Code List) X Semi-structured (Code and Text)	M ID 1/1
	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/3
	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values <i>Use any code other than code ZZ.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
	PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352	Description A free-form description to clarify the related data elements and their content <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80
X	PID06	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
X	PID08	1073	Yes/No Condition or Response Code	O ID 1/1

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Code indicating a Yes or No condition or response
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	MEA Measurements
Position:	200
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	<p><i>1. Use this 1/MEA/200 segment to provide information that applies to all of the line items. If information varies by line item, use the 2/MEA/049 segment.</i></p> <p><i>2. This segment can be used to provide any measurements applicable to the solicitation including: the percents or rank order for the evaluation factors that will be used for this procurement; the maximum size standards for the Standard Industrial Classification (SIC) Code or North American Industrial Classification System (NAICS) Code applicable to this procurement; the length of a required warranty; the variations in quantity permitted; and for a basic type award instrument, e.g., a requirements, a BPA, an indefinite quantity type award instrument, etc., the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, the minimum and maximum obligations of the government and the contractor.</i></p>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies <i>Use any code.</i>	
		BT Batch Limits <i>When BQT06 is code KB, KD, KE, KI, KQ, or KR, use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a basic type award instrument. When BQT06 is code KT or RL, use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under the specific Task Order or Delivery Order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.</i>	
		CS Core Size <i>When REF01 is Code IJ or PG, use to indicate the size standard for the cited SIC or NAICS code.</i>	
		CT Counts <i>Use to indicate variations in quantity permitted when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.</i>	
		DE Defects <i>Use to indicate a warranty period.</i>	

EF Evaluation Factors

Use to indicate the evaluation factors used for this procurement.

LT Lot Limits

Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a basic type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL Order Limits

Use to indicate the maximum the government may order from a basic type award instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted

Use to indicate the minimum and maximum quantity or dollars permitted per order against a basic type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02**738****Measurement Qualifier****O ID 1/3**

Code identifying a specific product or process characteristic to which a measurement applies

Use any code.

COS Cost

Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

CSR Cost Realism

Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

HK Human Factors

Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

MM Management

Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

MX Maximum

When MEA01 is code CS, use to indicate the maximum size standard applicable to the SIC code specified in the REF segment. When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified time period.

P1 Price

Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

PO Percent of Order (-, +)

Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

PRE Prior Experience

Use to indicate the evaluation factor to which the measurement value in

MEA03 applies.

PSP Past Performance

Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

QL Quality

Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

RY Ratio

When BQT08 is code CA, CB, CH, FB, FC, FF, or FG, use to indicate the Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.

SCH Schedule

Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

T3 Technical

Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

TT Time

Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101

ZZZ Mutually Defined

Use this code to indicate minimum guarantee award quantity percentage, minimum guarantee award quantity/amount, maximum ceiling award quantity/amount, and minimum guarantee award amount percentage. When this code is used to specify minimum guarantee award quantity or maximum ceiling award quantity, cite code EA in MEA04-01, the minimum quantity in MEA05 or the maximum quantity in MEA06. To specify minimum guarantee award amount or maximum ceiling award amount, cite code DO in MEA04-01, the minimum amount in MEA05 or the maximum amount in MEA06. To specify minimum guarantee award amount percentage, cite code DO in MEA04-01, code P1 in MEA04-04, and the minimum amount percentage in MEA05. To specify minimum guarantee award quantity percentage, cite code EA in MEA04-01, code P1 in MEA04-04, and the minimum quantity percentage in MEA05.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA03	739	Measurement Value	X	R 1/20
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The value of the measurement

MEA04	C001	Composite Unit of Measure	X	
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To identify a composite unit of measure (See Figures Appendix for examples of use)

1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a basic type award instrument and to specify the minimum guaranteed award amount/quantity percentage.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite MX, MEA03 would cite 10,000, MEA04-C00101 would cite EA, and MEA04-4 would cite Q1.

3. To specify the minimum guarantee award amount/quantity percentage, cite code ZZZ in MEA02, either code DO or EA in MEA04-01 and code P1 in MEA04-04.

M	C00101	355	Unit or Basis for Measurement Code M ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. When MEA01 is Code EF, each repetition of this MEA segment must have the same code in MEA04-C00101, i.e., P1 or UN.</i> <i>3. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> IE Person <i>When MEA01 is code CS, use to indicate the SIC size standard in terms of number of employees.</i> P1 Percent <i>When MEA01 is Code EF, use to indicate the measurement value of the evaluation factor is expressed as a percent.</i> R5 Thousands of Dollars <i>When MEA01 is code CS, use to indicate the SIC size standard in terms of dollar amount of sales.</i> UN Unit <i>Use to indicate the value cited in MEA03 is the rank order of the evaluation factor cited in MEA02, e.g., the number 2 would indicate the evaluation factor is the second in order of importance.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	
X	C00102	1018	Exponent O R 1/15 Power to which a unit is raised	
X	C00103	649	Multiplier O R 1/10 Value to be used as a multiplier to obtain a new value	
	C00104	355	Unit or Basis for Measurement Code O ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to Accredited Standards Committee (ASC) X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	
X	C00105	1018	Exponent O R 1/15 Power to which a unit is raised	
X	C00106	649	Multiplier O R 1/10 Value to be used as a multiplier to obtain a new value	
X	C00107	355	Unit or Basis for Measurement Code O ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	
X	C00108	1018	Exponent O R 1/15 Power to which a unit is raised	
X	C00109	649	Multiplier O R 1/10 Value to be used as a multiplier to obtain a new value	
X	C00110	355	Unit or Basis for Measurement Code O ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	
X	C00111	1018	Exponent O R 1/15 Power to which a unit is raised	
X	C00112	649	Multiplier O R 1/10 Value to be used as a multiplier to obtain a new value	

X	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID 2/2
X	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	MEA05	740	Range Minimum The value specifying the minimum of the measurement range <i>1. When MEA01 is Code CT, or MEA02 is code PO, use to specify the variation in quantity under.</i> <i>2. When MEA02 is RY, use to specify the proposed Government share.</i> <i>3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.</i> <i>4. When MEA02 is code ZZZ, MEA04-01 is code EA and MEA04-04 is code P1, use to specify the minimum guarantee award quantity percentage.</i> <i>5. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the minimum guarantee award quantity.</i> <i>6. When MEA02 is code ZZZ, MEA04-01 is code DO and MEA04-04 is code P1, use to specify the minimum guarantee award amount percentage.</i> <i>7. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the minimum guarantee award amount.</i> <i>8. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i>	X	R 1/20
	MEA06	741	Range Maximum The value specifying the maximum of the measurement range <i>1. When MEA01 is Code CT, or MEA02 is code PO, use to specify the variation in quantity over.</i> <i>2. When MEA02 is RY, use to specify the proposed contractor share.</i> <i>3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.</i> <i>4. When MEA02 is code ZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity.</i> <i>5. When MEA02 is code ZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount.</i> <i>6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i>	X	R 1/20
X	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID 2/2
X	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID 2/2

The method or device used to record the measurement

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **PWK** Paperwork
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To identify the type and transmission of paperwork or supporting information
Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:
Comments: 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
 2 PWK07 may be used to indicate special information to be shown on the specified report.
 3 PWK08 may be used to indicate action pertaining to a report.

Notes: 1. Use this 1/PWK/210 segment when the paperwork information applies to all of the line items. Use the 2/PWK/070 segment if the information varies by line item.

2. Use this segment to identify paperwork required to be provided by the offeror in response to the solicitation, or paperwork that will be required under the resultant award instrument, or paperwork being provided as part of the solicitation and, if necessary, how that paperwork will be transmitted.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PWK01	755 Report Type Code	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		<i>Use to identify the type of paperwork that must be provided by the offeror or is being provided by the buying party.</i>	
		22 Functional Plan	
		<i>Use to indicate a source selection or evaluation plan.</i>	
		25 Purchase Plan	
		<i>Use to indicate a make or buy plan is required.</i>	
		35 Subcontractor Plan	
		AE Attachment	
		<i>Use to indicate some additional document, e.g., list of government furnished property, applicable to the solicitation is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.</i>	
		C1 Cost Data Summary	
		<i>Use to indicate non-certified cost and price data.</i>	
		C5 Certified Cost and Price Data	
		C6 Wage Determination	
		<i>Use to indicate a Department of Labor Wage Determination. When used, identify the Wage Determination number in the 1/REF/050 segment using code 2Y in REF01.</i>	
		CP Certificate of Compliance (Material Certification)	
		<i>Use to indicate a Certificate of Conformance.</i>	
		CX Cost/Schedule Status Report (C/SSR)	
		CY Contract Funds Status Report (CFSR)	
		DW Drawing(s)	
		F1 Cost Performance Report (CPR) Format 1	
		F2 Cost Performance Report (CPR) Format 2	
		F3 Cost Performance Report (CPR) Format 3	
		F4 Cost Performance Report (CPR) Format 4	
		F5 Cost Performance Report (CPR) Format 5	
		IT Certified Inspection and Test Results	
		MR Material Inspection and Receiving Report	

		MS	Material Safety Data Sheet	
		PD	Proof of Delivery	
		PJ	Purchasing Specification	
			<i>Use to indicate a Statement of Work (SOW).</i>	
		PM	Proof of Insurance	
		PP	Proposal	
		S9	Representation	
			<i>Use to indicate a payment and performance bond.</i>	
		SD	Support Data for a Request for Quote	
			<i>Use to indicate that supporting technical documentation, e.g., engineering data list, bill of materials, etc., are being provided by the buying party.</i>	
		SF	Contract Security Classification Specification	
			<i>Use to indicate that additional information relative to the Contract Security Classification Specification being transmitted in this transaction set will be provided.</i>	
		SN	Shipping Notice	
		SP	Specification	
		UA	Union Agreement	
		US	"BUY AMERICA" Certification of Compliance	
PWK02	756	Report Transmission Code		O ID 1/2
		Code defining timing, transmission method or format by which reports are to be sent		
		<i>While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.</i>		
		BE	By Mail and Electronically	
			<i>Use to indicate E-Mail.</i>	
		BM	By Mail	
			<i>Use to indicate transmittal via the United States Postal Service (USPS).</i>	
		CF	Courier	
			<i>Use to indicate transmittal via commercial express courier.</i>	
		DA	Data	
			<i>Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.</i>	
		EL	Electronically Only	
			<i>1. Use to indicate that data has been or should be sent by a separate EDI transaction set.</i>	
			<i>2. If the data has been sent by a separate EDI transaction set, identify the unique number of the transaction set in REF02 of the 1/REF/050 segment citing code TN in REF01.</i>	
		FX	By Fax	
		IA	Electronic Image	
			<i>Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.</i>	
		WS	With Shipment (With Package)	
PWK03	757	Report Copies Needed		O N0 1/2
		The number of copies of a report that should be sent to the addressee		
		<i>The number of copies is assumed to be 1 unless a greater number is specified in this data element.</i>		
PWK04	98	Entity Identifier Code		O ID 2/2
		Code identifying an organizational entity, a physical location, or an individual		
		<i>Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK</i>		

			<i>segment with the same report code in PWK01. Provide the address of the recipient in the 1/N1/310 segment and/or the communications number of the recipient in the 1/PER/360 segment.</i>	
		44	Data Processing Service Bureau	
			<i>Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>	
		7N	Party to Receive Proposal	
		BY	Buying Party (Purchaser)	
			<i>Use to indicate the Contracting Officer.</i>	
		IS	Party to Receive Certified Inspection Report	
			<i>Use when PWK01 is code IT or MR.</i>	
		KF	Audit Office	
		KG	Project Manager	
			<i>Use to indicate the government party responsible for a project including the Advisor under a Grant.</i>	
		KY	Technical Office	
X	PWK05	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	PWK06	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
	PWK07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.</i>	
			<i>2. When PWK01 is code S9, use to identify the lead time for submission of the payment and performance bond.</i>	
			<i>3. When PWK02 is code DA, use to identify the other form of electronic transfer.</i>	
			<i>4. When PWK02 is code IA, use to identify the URL.</i>	
			<i>5. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
	PWK08	C002	Actions Indicated	O
			Actions to be performed on the piece of paperwork identified	
M	C00201	704	Paperwork/Report Action Code	M ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
		2	Report to be Filed	
			<i>When PWK01 is Code CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, PD, S9, or SN, use to indicate the specified paperwork will be required under the resultant award instrument.</i>	
		5	Generate	
			<i>When PWK01 is Code 25, 35, C1, C5, C6, MS, PM, PP, UA, or US, use to indicate the specified paperwork must be provided in the response to this solicitation.</i>	
		PV	Provided	
			<i>When PWK01 is Code 22, AE, DW, PJ, SD, SF, or SP, use to indicate the specified paperwork will be provided by the buying party.</i>	
X	C00202	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	

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X	C00203	704	<p>Refer to 003050 Data Element Dictionary for acceptable code values.</p> <p>Paperwork/Report Action Code O ID 1/2</p> <p>Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required</p> <p>Refer to 003050 Data Element Dictionary for acceptable code values.</p>
X	C00204	704	<p>Paperwork/Report Action Code O ID 1/2</p> <p>Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required</p> <p>Refer to 003050 Data Element Dictionary for acceptable code values.</p>
X	C00205	704	<p>Paperwork/Report Action Code O ID 1/2</p> <p>Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required</p> <p>Refer to 003050 Data Element Dictionary for acceptable code values.</p>

Segment:	PKG Marking, Packaging, Loading
Position:	220
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of PKG04 PKG05 or PKG06 is required. 2 If PKG04 is present, then PKG03 is required. 3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 Special marking or tagging data can be given in PKG05 (description).
Notes:	<p><i>1. Use this 1/PKG/220 segment to identify packaging requirements that apply to all of the line items. If the packaging requirements apply to all of the line items to be delivered to a named entity, use the 1/PKG/420 segment. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/450 segment if the packaging requirements are applicable to a named entity.</i></p> <p><i>2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.</i></p> <p><i>3. The use of MILSTD 2073-1C codes to identify packaging requirements for items in this award instrument are primarily for items that are expected to enter the military distribution system. Commercial packaging is expected to be used to the maximum extent possible for all other items.</i></p> <p><i>4. Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04.</i></p>

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PKG01	349	Item Description Type Code indicating the format of a description F Free-form S Structured (From Industry Code List) X Semi-structured (Code and Text)	X ID 1/1
PKG02	753	Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described <i>Use the listed codes to identify the applicable packaging requirements.</i> CD Cleaning or Drying Procedure CT Cushioning Thickness CUD Cushioning and Dunnage IC Intermediate Container OPI Optional Procedure Indicator PK Packing <i>To specify commercial packaging, cite code DF in PKG03 and code U in PKG04.</i> PM Preservation Method PML Preservation Material SMK Special Marking	O ID 1/5

		UC	Unit Container		
		UCL	Unit Container Level		
		WM	Wrapping Material		
	PKG03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA)		
		ZZ	Mutually Defined		
			<i>Use to indicate a federal activity other than DoD or GSA.</i>		
	PKG04	754	Packaging Description Code	X	AN 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product		
			<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).</i>		
			<i>2. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>		
	PKG05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>		
			<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>		
X	PKG06	400	Unit Load Option Code	X	ID 2/2
			Code identifying loading or unloading a shipment		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	240
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	<p><i>Use this 1/TD5/240 segment to identify the transportation method that is applicable to all of the line items. If the transportation method applies to all of the line items to be delivered to a named entity, use the 1/TD5/390 segment. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD5/420 segment when the information is applicable to a named entity.</i></p>

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
X	TD501	133 Routing Sequence Code	O	ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
	TD502	66 Identification Code Qualifier	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		10 Department of Defense Activity Address Code (DODAAC)		
		<i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>		
	TD503	67 Identification Code	X	AN 2/20
		Code identifying a party or other code		
	TD504	91 Transportation Method/Type Code	X	ID 1/2
		Code specifying the method or type of transportation for the shipment		
		<i>1. Use any code other than code ZZ.</i>		
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>		
		D Parcel Post		
		<i>Use to indicate the US Postal Service and not a private carrier.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD505	387 Routing	X	AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
X	TD506	368 Shipment/Order Status Code	X	ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD507	309 Location Qualifier	O	ID 1/2
		Code identifying type of location		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD508	310 Location Identifier	X	AN 1/30

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X	TD509	731	Code which identifies a specific location		
			Transit Direction Code	O	ID 2/2
			The point of origin and point of direction		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD510	732	Transit Time Direction Qualifier	O	ID 2/2
			Code specifying the value of time used to measure the transit time		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD511	733	Transit Time	X	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		
			<i>Use any code other than code ZZ.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment: **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position: 260
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes:
1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

Semantic Notes:**Comments:****Notes:**

Use this 1/TD4/260 segment to provide special handling or hazardous material information when it applies to all of the line items. Use the 1/TD4/410 segment when the special handling or hazardous material information applies to all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/440 segment if the information is applicable to a named entity.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>	
		AMM A.M. Delivery Requirement	
		DA Dangerous	
		EP Expedite	
		EX Explosive Flammable Gas	
		FG Flammable Gas	
		FL Flammable	
		FP Flammable Poison Gas	
		HM Endorsed as Hazardous Material	
		LT Less Than Full Carload	
		LTT Less Than Truckload	
		NC Notify Consignee Before Delivery	
		PG Poisonous Gas	
		PMM P.M. Delivery Requirement	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

Segment:	MAN Marks and Numbers
Position:	270
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	<ol style="list-style-type: none"> 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06. 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
Notes:	<ol style="list-style-type: none"> 1. Use this 1/MAN/270 segment when the marks and numbers apply to all of the line items. If the information varies by line item, use the 2/MAN/280 segment. 2. Use to identify such data as MILSTRIP/FEDSTRIP number, transportation control number, project priority number, and consignee related codes.

Data Element Summary

	Ref.	Data			
	Des.	Element	Name	Attributes	
M	MAN01	88	Marks and Numbers Qualifier	M ID 1/2	
			Code specifying the application or source of Marks and Numbers (87)		
			S Entire Shipment		
M	MAN02	87	Marks and Numbers	M AN 1/45	
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN03	87	Marks and Numbers	O AN 1/45	
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN04	88	Marks and Numbers Qualifier	X ID 1/2	
			Code specifying the application or source of Marks and Numbers (87)		
			S Entire Shipment		
	MAN05	87	Marks and Numbers	X AN 1/45	
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN06	87	Marks and Numbers	O AN 1/45	
			Marks and numbers used to identify a shipment or parts of a shipment		

Segment: **RRA** Required Response
Position: 280
Loop:
Level: Heading
Usage: Optional
Max Use: 100
Purpose: To indicate information that is required to be included in the response
Syntax Notes:
Semantic Notes: 1 Use RRA02 only to specify applicable regulatory or contractual clause.
Comments:
Notes:

Use this 1/RRA/280 segment to indicate to prospective offerors that specific information must be provided with their proposal, e.g., a certification, a representation or other information, that applies to all of the line items. If the information varies by line item, use the 2/RRA/290 segment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	RRA01	701 Information Type	M ID 2/2
		Code specifying the information required in the response 14 As Indicated by the Cited Reference <i>Use to indicate the reference number that requires an offeror to provide a certification, representation or other information. This reference number will be a clause number or some unique reference number previously provided to offerors.</i>	
	RRA02	127 Reference Number	O AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

Segment:	N9	Reference Number
Position:	290	
Loop:	N9	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier	
Syntax Notes:	1 At least one of N902 or N903 is required. 2 If N906 is present, then N905 is required.	
Semantic Notes:	1 N906 reflects the time zone which the time reflects.	
Comments:		
Notes:	1. Use this 1/N9/290 loop to identify various clauses (e.g., Federal Acquisition Regulation (FAR), Defense Federal Acquisition Regulation Supplement (DFARS), General Services Acquisition Regulation Supplement (GSARS), Department of Veterans Affairs Acquisition Regulation Supplement (VAARS) , Agency, or other clauses), Office of Management and Budget (OMB) Circular, special instructions or other references which are applicable to the entire solicitation. If the information varies by line item, use the 2/N9/320 loop. 2. When an Alternate section is applicable to a cited clause, the alpha/numeric Alternate identifier and the date MUST be cited in the following MSG segment. 3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may optionally be cited in the following MSG segment.	

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		5N	Citation of Statute <i>Use to indicate the legislative authorization under which the resulting instrument, e.g., a grant, will be awarded. Cite the legislative program title in N903.</i>
		73	Statement of Work (SOW)
		AU	Authorization to Meet Competition No. <i>Use to indicate the FAR part 6 authority for using other than full and open competition.</i>
		BB	Authorization Number <i>Use to indicate the Code of Federal Regulations.</i>
		CJ	Clause Number 1. Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, DFARS, etc.). Identify the purchasing activity issuing the clause in N903. 2. DO NOT use for a purchasing activity payment related clause. Use code H5 in that instance.
		DF	Defense Federal Acquisition Regulations (DFAR)
		DX	Department/Agency Number 1. Use to indicate an Agency clause and identify the agency in N903. 2. DO NOT use for a purchasing activity payment related clause. Use code H5 in that instance.
		EC	Circular <i>Use to indicate an Office of Management and Budget (OMB) circular number.</i>
		FA	Federal Acquisition Regulations (FAR)

			GS	General Services Administration Regulations (GSAR)		
			H5	Special Clause		
				<i>Use this code only to indicate a local, purchasing activity or agency payment related clause. DO NOT use for a FAR or DFARS payment related clause. Use either code FA or DF in that instance.</i>		
			K7	Paragraph Number		
				<i>Use to indicate information for an offeror. Cite an applicable number in N902 and provide the information in the following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires.</i>		
			KD	Special Instructions Number		
				<i>Use to indicate a special instruction. Indicate the agency, command or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.</i>		
			KT	Request for Quotation Reference		
				<i>Use to indicate another type of reference number applicable to the solicitation. This number is not the solicitation number (which is carried in BQT02). This code can be used as a means to provide clear text information, i.e., Notice to Bidders, in the following MSG segment. Another example of the use of this code can be to provide the reason for the cancellation of the solicitation.</i>		
			KY	Site Specific Procedures, Terms, and Conditions		
			KZ	Master Solicitation Procedures, Terms, and Conditions		
				<i>Use to indicate the Master Solicitation number that contains terms and conditions applicable to this solicitation.</i>		
			VB	Department of Veterans Affairs Acquisition Regulations (VAAR)		
			ZZ	Mutually Defined		
				<i>Use to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.</i>		
	N902	127	Reference Number		X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
	N903	369	Free-form Description		X	AN 1/45
			Free-form descriptive text			
			<i>1. When N901 is code CJ or DX, use to identify the agency or purchasing activity issuing the clause cited in N902.</i>			
			<i>2. When N901 is code ZZ, use to identify the source of the reference and use the following MSG segment for text, if necessary.</i>			
			<i>3. Use of free-form text is discouraged if the information can be provided by some other means within the transaction set.</i>			
	N904	373	Date		O	DT 6/6
			Date (YYMMDD)			
			<i>Use to identify the date of the clause cited in N902. The DD portion of the date will always be 01.</i>			
	X	N905	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or			

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HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Time Code**O ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow. Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	MSG Message Text
Position:	300
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	<p><i>1. Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.</i></p> <p><i>2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.</i></p> <p><i>3. When providing fill-in information, the following format is recommended:</i></p> <p><i>a) In the first iteration of the segment, cite the clause title, and the clause Alternate identifier if applicable, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.</i></p> <p><i>b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.</i></p> <p><i>4. The purpose of the pipe sign () is to provide an indication to receiving applications that the data string related to a single entry has been completed.</i></p> <p><i>An example of a clause with 3 fill-ins follows:</i></p> <p><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984)/3/ MSG*1. 30/ MSG*2. 30 Sep 1995/ MSG*3. 15 Jan 1995/</i></p> <p><i>5. An example alternative format provides all fill-in information within the title MSG segment as follows:</i></p> <p><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984)/3/30/Sep 30, 1995/Jan 15, 1995/</i></p>

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
M	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
X	MSG02	934	Printer Carriage Control Code	O ID 2/2
			A field to be used for the control of the line feed of the receiving printer	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment:	N1 Name
Position:	310
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	1. Use this 1/N1/310 loop to identify organizations or locations that apply to all line items. If the information varies by line item, use the 2/N1/340 loop. 2. Whenever possible, identification and address information should be provided using code values contained in a combination of N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when address information cannot be provided using one of the codes listed in N103. 3. There must be at least 1 iteration of this N1 segment using code BY in N101.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		31 Postal Mailing Address	<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i>
		44 Data Processing Service Bureau	<i>Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>
		7G Hazardous Material Office	<i>Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location.</i>
		7M Inspection and Acceptance Location	<i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>
		7N Party to Receive Proposal	
		BY Buying Party (Purchaser)	<i>Use to indicate the soliciting activity.</i>
		CY Country	<i>Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable two position ISO 3166 country code in N404.</i>
		DZ Delivery Zone	<i>1. Use to indicate an area to which deliveries are expected to be made under a requirements or an indefinite delivery type award instrument. Specify the zone in N104 (e.g., 10, 11, 12, etc.) using code ZN in</i>

	<i>N103 and identify the states or countries that comprise the zone in N402 or N404. The zone number will be cited in CTP10 when soliciting a price for delivery to this zone.</i>
	<i>2. If the FOB point varies by delivery zone or by locations within a delivery zone, identify the FOB point in the 1/N4/340 segment.</i>
EL	Established Location <i>Use to indicate the location where existing site conditions or existing equipment conditions can be inspected by the offeror prior to submission of an offer for services or an offer for purchase of disposal property.</i>
IC	Intermediate Consignee <i>When FOB02 is code IT, use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report
KF	Audit Office
KG	Project Manager <i>Use to indicate the government party responsible for a project to include the advisor under a Grant.</i>
KW	Bid Opening Location <i>Use to indicate the location of a public opening, if applicable, when the address is different than the address of the soliciting activity.</i>
KX	Free on Board Point <i>Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination. Applicable when FOB02 is code KE, KL or ZZ.</i>
KY	Technical Office <i>Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.</i>
KZ	Acceptance Location <i>Use when the acceptance point is other than at origin or destination.</i>
L1	Inspection Location <i>Use to indicate the inspection location when it has to be described as an address.</i>
MU	Meeting Location <i>1. When BQT01 is code 24, use to indicate the location of a pre-solicitation conference.</i> <i>2. When BQT01 is code 00, 02, 04, 05, 07, or 18, use to indicate the location of a pre-proposal conference.</i>
PW	Pick Up Address <i>Use to indicate the location where government property is to be picked up for repair or other disposition.</i>
R6	Requester <i>Use to indicate the requesting agency/activity.</i>
ST	Ship To <i>Use to indicate the address to which an item must be shipped. If the address is an FPO or APO, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for</i>

				<i>Miami, AE for New York, AP for San Francisco) in N406.</i>		
		SV		Service Performance Site		
				<i>Use to indicate the location where a service, e.g., grass cutting, is to be performed.</i>		
		TQ		Third Party Reviewing Organization (TPO)		
				<i>Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.</i>		
		TS		Party to Receive Certified Test Results		
				<i>When CSH01 is Code QP, use to indicate the party to whom an offeror should submit the certified test results which demonstrate that he or his quoted product meets the established standards for qualification.</i>		
		X2		Party to Perform Packaging		
		XP		Party to Receive Solicitation		
		Z7		Mark-for Party		
N102	93	Name			X	AN 1/35
		Free-form name				
N103	66	Identification Code Qualifier			X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)				
				<i>While the federal Electronic Data Interchange (EDI) program uses the Data Universal Numbering System (DUNS) number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>		
		1		D-U-N-S Number, Dun & Bradstreet		
				<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
				<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>		
		10		Department of Defense Activity Address Code (DODAAC)		
				<i>Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.</i>		
		16		ZIP Code		
				<i>When N101 is Code ST, use to indicate a general shipping area for quoting purposes.</i>		
		33		Commercial and Government Entity (CAGE)		
		A2		Military Assistance Program Address Code (MAPAC)		
		ZN		Zone		
				<i>When N101 is Code DZ, use to indicate a delivery zone.</i>		
N104	67	Identification Code			X	AN 2/20
		Code identifying a party or other code				
				<i>When N103 is code ZN, cite one of the following:</i>		
				<i>a. A delivery zone designation, e.g., 01, 10, 1a, etc.</i>		
				<i>b. The word "CONUS" to specify all points within the continental United States that are not otherwise identified within a zone.</i>		
				<i>c. The word "WORLD" to specify all points outside the continental United States that are not otherwise identified within a zone.</i>		
X	N105	706	Entity Relationship Code		O	ID 2/2
			Code describing entity relationship			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	N106	98	Entity Identifier Code		O	ID 2/2

Code identifying an organizational entity, a physical location, or an individual
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **N2** Additional Name Information
Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 330
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment:	N4 Geographic Location
Position:	340
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	1. <i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

2. *When N101 is code DZ and N104 does not cite the words "CONUS" or "WORLD", this segment may be used to identify locations within a delivery zone and the FOB point if it varies by delivery zone or locations within a delivery zone.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
N403	116	Postal Code	O ID 3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
		<i>Cite the two position ISO 3166 country code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		1. <i>When N101 is code DZ and the 1/FOB/080 segment is not used to identify the FOB point, use to specify the FOB point for a delivery zone or for a location within a zone.</i>	
		2. <i>When N101 is code ST, use to specify an APO or FPO location, if applicable.</i>	
		AR	Armed Services Location Designation
			<i>Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).</i>
		DE	Destination (Shipping)
		OR	Origin (Shipping Point)
		ZZ	Mutually Defined
			<i>Use to indicate an FOB point other than origin or destination. Identify the FOB point in N406.</i>
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	
		1. <i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	
		2. <i>When N405 is code ZZ, use to identify the location of the other FOB point. Cite the 5 position United Nations code for ports and other locations</i>	

(UN/LOCODE) in accordance with the United Nations Location Code Manual.

Segment:	PER Administrative Communications Contact
Position:	360
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	<ol style="list-style-type: none"> 1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	<i>Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.</i>

Data Element Summary			
Ref.	Data	Name	Attributes
Des.	Element		
M	PER01	366	Contact Function Code M ID 2/2 Code identifying the major duty or responsibility of the person or group named <i>Use to identify the various individuals who can be contacted regarding specific areas of this solicitation.</i>
		AT	Material Safety Data Sheet Contact <i>Use in conjunction with 1/N1/310, N101 code 44.</i>
		AV	Advisor <i>Use in conjunction with 1/N1/310, N101 code KG to indicate the government party who will work with the eventual contractor on basic R&D efforts in a particular science area.</i>
		BD	Buyer Name or Department <i>1. Includes Grant Management Specialists.</i> <i>2. Use in conjunction with 1/N1/310, N101 code BY.</i>
		HM	Hazardous Material Contact <i>Use in conjunction with 1/N1/310, N101 code 7G.</i>
		IC	Information Contact <i>When no other qualifier code is applicable, use to indicate a general information point of contact at the location cited in N101.</i>
		PC	Purchasing Contracting Officer (PCO) <i>1. Includes Grants/Contract Project Officer.</i> <i>2. Use in conjunction with 1/N1/310, N101 code BY.</i>
		PP	Program Manager <i>1. Includes Grants Project Officer.</i> <i>2. Use in conjunction with 1/N1/310, N101 code KG.</i>
	PER02	93	Name O AN 1/35 Free-form name <i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>
	PER03	365	Communication Number Qualifier X ID 2/2 Code identifying the type of communication number AU Defense Switched Network EM Electronic Mail FX Facsimile IT International Telephone

			<i>Include the country code.</i>	
		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER04	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER05	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.</i>		
		AU	Defense Switched Network	
		EM	Electronic Mail	
		EX	Telephone Extension	
			<i>Use only if PER03 is used citing code AU or TE.</i>	
		FX	Facsimile	
		IT	International Telephone	
			<i>Include the country code.</i>	
		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER06	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER07	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify a third communications number for the party cited in PER02.</i>		
		AU	Defense Switched Network	
		EM	Electronic Mail	
		EX	Telephone Extension	
			<i>Use only if PER05 is used citing either code AU or TE.</i>	
		FX	Facsimile	
		IT	International Telephone	
			<i>Include the country code.</i>	
		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER08	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER09	443	Contact Inquiry Reference	O	AN 1/20
		Additional reference number or description to clarify a contact number		
		<i>Use, if necessary, to provide the title of the party cited in PER02.</i>		

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	390
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	<i>Use this 1/TD5/390 segment when the transportation method is the same for all the items being shipped to a named entity. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD4/440 segment when the information is applicable to a named entity.</i>

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
X	TD501	133 Routing Sequence Code	O	ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement Refer to 003050 Data Element Dictionary for acceptable code values.		
	TD502	66 Identification Code Qualifier	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		10 Department of Defense Activity Address Code (DODAAC)		
		<i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>		
	TD503	67 Identification Code	X	AN 2/20
		Code identifying a party or other code		
	TD504	91 Transportation Method/Type Code	X	ID 1/2
		Code specifying the method or type of transportation for the shipment		
		<i>1. Use any code other than code ZZ.</i>		
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>		
		D Parcel Post		
		<i>Use to indicate the US Postal Service and not a private carrier.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD505	387 Routing	X	AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
X	TD506	368 Shipment/Order Status Code	X	ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD507	309 Location Qualifier	O	ID 1/2
		Code identifying type of location		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD508	310 Location Identifier	X	AN 1/30
		Code which identifies a specific location		

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X	TD509	731	Transit Direction Code	O	ID 2/2
			The point of origin and point of direction		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD510	732	Transit Time Direction Qualifier	O	ID 2/2
			Code specifying the value of time used to measure the transit time		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD511	733	Transit Time	X	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		
			<i>Use any code other than code ZZ.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment: **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position: 410
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.
 2 If TD402 is present, then TD403 is required.

Semantic Notes:**Comments:****Notes:**

Use this 1/TD4/410 segment to identify special handling or hazardous material information that is the same for all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/440 segment if the information is applicable to a named entity.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code Code specifying special transportation handling instructions <i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i> AMM A.M. Delivery Requirement DA Dangerous EP Expedite EX Explosive Flammable Gas FG Flammable Gas FL Flammable FP Flammable Poison Gas HM Endorsed as Hazardous Material LT Less Than Full Carload LTT Less Than Truckload NC Notify Consignee Before Delivery PG Poisonous Gas PMM P.M. Delivery Requirement	X ID 2/3
TD402	208	Hazardous Material Code Qualifier Refer to 003050 Data Element Dictionary for acceptable code values. Code which qualifies the Hazardous Material Class Code (209) <i>Use any code.</i>	X ID 1/1
TD403	209	Hazardous Material Class Code Refer to 003050 Data Element Dictionary for acceptable code values. Code specifying the kind of hazard for a material	X AN 2/4
TD404	352	Description A free-form description to clarify the related data elements and their content <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80

Segment:	PKG Marking, Packaging, Loading
Position:	420
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of PKG04 PKG05 or PKG06 is required. 2 If PKG04 is present, then PKG03 is required. 3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 Special marking or tagging data can be given in PKG05 (description).
Notes:	<p><i>1. Use this 1/PKG/420 segment when the packaging requirements are the same for all of the line items to be delivered to a named entity. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/450 segment if the packaging requirements are applicable to a named entity.</i></p> <p><i>2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.</i></p> <p><i>3. The use of MILSTD 2073-1C codes to identify packaging requirements for items in this award instrument are primarily for items that are expected to enter the military distribution system. Commercial packaging is expected to be used to the maximum extent possible for all other items.</i></p> <p><i>4. Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04.</i></p>

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify the applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		IC Intermediate Container	
		OPI Optional Procedure Indicator	
		PK Packaging	
		<i>To specify commercial packaging, cite code DF in PKG03 and code U in PKG04.</i>	
		PM Preservation Method	
		PML Preservation Material	
		SMK Special Marking	
		UC Unit Container	

			UCL	Unit Container Level		
			WM	Wrapping Material		
	PKG03	559	Agency Qualifier Code		X	ID 2/2
			Code identifying the agency assigning the code values			
			DF	Department of Defense (DoD)		
			GS	General Services Administration (GSA)		
			ZZ	Mutually Defined		
			<i>Use to indicate a federal activity other than DoD or GSA.</i>			
	PKG04	754	Packaging Description Code		X	AN 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
			<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).</i>			
			<i>2. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>			
	PKG05	352	Description		X	AN 1/80
			A free-form description to clarify the related data elements and their content			
			<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>			
			<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>			
X	PKG06	400	Unit Load Option Code		X	ID 2/2
			Code identifying loading or unloading a shipment			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment:	SPI Specification Identifier
Position:	440
Loop:	SPI Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To provide a description of the included specification or technical data items
Syntax Notes:	1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	

This loop is used to carry the security information which is normally provided in the Department of Defense Contract Security Classification Specification (DD Form 254). Information regarding the contractor, subcontractor, place of performance and cognizant security offices may not be available until after an award determination and may have to be provided in the eventual award instrument. The prospective offerors may be required to provide this information as part of their proposal.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SPI01	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following <i>Use to specify the highest level of safeguarding required for the data associated with the eventual award instrument.</i> 92 Government Confidential 93 Government Secret 94 Government Top Secret	M ID 2/2
	SPI02	128	Reference Number Qualifier Code qualifying the Reference Number. <i>Use to identify a solicitation number if applicable to a Contract Security Classification Specification. If a solicitation number is not applicable, use to identify either a award instrument number or subcontract number as appropriate. If more than one number applies, provide the other number(s) in the 1/REF/450 segment within this loop.</i> 3X Subcontract Number CT Contract Number KS Solicitation	X ID 2/2
	SPI03	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
X	SPI04	790	Entity Title Title of the data entity	O AN 1/132
X	SPI05	791	Entity Purpose The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction	O AN 1/80
X	SPI06	792	Entity Status Code Code indicating the current status of the data item specified by the electronic data item Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/1
	SPI07	353	Transaction Set Purpose Code Code identifying purpose of transaction set <i>Use to identify the type of Contract Security Classification Specification being issued.</i> 00 Original 04 Change <i>Use to identify a revised Contract Security Classification Specification.</i> 20 Final Transmission	O ID 2/2

			<i>Use to indicate a final Contract Security Classification Specification.</i>	
	SPI08	755	Report Type Code	O ID 2/2
			Code indicating the title or contents of a document, report or supporting item SF Contract Security Classification Specification	
	SPI09	786	Security Level Code	O ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following	
			<i>Use to identify the facility clearance level required to perform the eventual award instrument.</i>	
			92 Government Confidential	
			93 Government Secret	
			94 Government Top Secret	
X	SPI10	559	Agency Qualifier Code	O ID 2/2
			Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SPI11	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
X	SPI12	554	Assigned Number	O N0 1/6
			Number assigned for differentiation within a transaction set	
X	SPI13	1322	Certification Type Code	O ID 1/1
			Code indicating the type of certification Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SPI14	1401	Proposal Data Detail Identifier Code	O ID 1/3
			Code identifying the basis of a cited value in a proposal Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **REF** Reference Numbers
Position: 450
Loop: SPI Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

Use to identify reference numbers applicable to the Contract Security Classification Specification.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. 3X Subcontract Number CT Contract Number KS Solicitation <i>Use Code KS to identify the solicitation number.</i> YB Revision Number <i>When SPI07 is code 04, use to indicate the revision number of the Contract Security Classification Specification.</i>	M ID 2/2
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
X	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment:	DTM Date/Time Reference
Position:	460
Loop:	SPI Optional
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required. 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	<i>Use to indicate dates applicable to the Contract Security Classification Specification.</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	M ID 3/3
			036 Expiration <i>When REF01 is Code CT, use to indicate the expiration date of the Contract.</i>	
			106 Required By <i>When SPI02 is Code KS, use to indicate the due date of the response to the solicitation.</i>	
			165 Final Issue <i>When SPI07 is Code 20, use to indicate the date of the final Contract Security Classification Specification.</i>	
			171 Revision <i>When SPI07 is Code 04, use to indicate the date of the revised Contract Security Classification Specification.</i>	
			334 Re-evaluation Date <i>Use to indicate the biennial review date of the Contract Security Classification Specification.</i>	
			703 Original Transaction <i>When SPI07 is Code 00, use to indicate the date of the original Contract Security Classification Specification.</i>	
	DTM02	373	Date Date (YYMMDD)	X DT 6/6
X	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
X	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2
X	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
X	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment:	MSG Message Text
Position:	470
Loop:	SPI Optional
Level:	Heading
Usage:	Optional
Max Use:	50
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	<p><i>1. Use to provide information applicable to the Contract Security Classification Specification, e.g., a general identification of the procurement or security guidance in clear text.</i></p> <p><i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
X	MSG02	934	Printer Carriage Control Code	O ID 2/2
			A field to be used for the control of the line feed of the receiving printer	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment:	N1 Name
Position:	490
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	1. Whenever possible, identification and address information should be provided using N101, N103 and N104. Use N102 and segments N2 through N4, as applicable, when this information cannot be provided using one of the codes listed in N103. 2. The addresses cited in this loop are applicable to the Contract Security Classification Specification.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		28 Subcontractor	
		61 Performed At	
		<i>Use to indicate the place of performance.</i>	
		B2 Other Unlisted Type of Organizational Entity	
		<i>Use to indicate an unlisted entity to whom distribution of the Contract Security Classification Specification is to be made.</i>	
		C4 Contract Administration Office	
		K1 Contractor Cognizant Security Office	
		K2 Subcontractor Cognizant Security Office	
		K3 Place of Performance Cognizant Security Office	
		K4 Party Authorizing Release of Security Information	
		K5 Party To Receive Contract Security Classification Specification	
		KG Project Manager	
		<i>Use to indicate the party responsible for a project to include the advisor under a Grant.</i>	
		KI United States Overseas Security Administration Office	
		OI Outside Inspection Agency	
		<i>Use to indicate another entity that has inspection responsibilities.</i>	
		PG Prime Contractor	
		PV Party performing certification	
	N102	93 Name	X AN 1/35
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		<i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>	
		1 D-U-N-S Number, Dun & Bradstreet	

				<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
				<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
		10		Department of Defense Activity Address Code (DODAAC)	
				<i>Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.</i>	
		33		Commercial and Government Entity (CAGE)	
	N104	67	Identification Code		X AN 2/20
			Code identifying a party or other code		
X	N105	706	Entity Relationship Code		O ID 2/2
			Code describing entity relationship		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	N106	98	Entity Identifier Code		O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment: **N2** Additional Name Information
Position: 500
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 510
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	Ref.	Data	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment:	N4 Geographic Location
Position:	520
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 3/11
N404	26	Country Code Code identifying the country <i>Cite the two position ISO 3166 country code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/3
N405	309	Location Qualifier Code identifying type of location AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).</i>	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location <i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	O AN 1/30

Segment:	G61	Contact
Position:	540	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a person or office to whom communications should be directed	
Syntax Notes:	1 If either G6103 or G6104 is present, then the other is required.	
Semantic Notes:		
Comments:	1 G6103 qualifies G6104.	
Notes:	<i>Use this segment to provide names associated with addresses cited in the N1 segment.</i>	

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CE Certifier IC Information Contact <i>Use Code IC to indicate a single point of contact for classification, guidance or interpretation.</i>	M ID 2/2
M	G6102	93	PP Program Manager Name Free-form name <i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. G6105 may be used to cite the party's title or office symbol.</i>	M AN 1/35
	G6103	365	Communication Number Qualifier Code identifying the type of communication number AU Defense Switched Network EM Electronic Mail FX Facsimile IT International Telephone TE Telephone <i>Use to indicate the commercial telephone number of the party cited in G6102. Include the area code.</i>	X ID 2/2
	G6104	364	Communication Number Complete communications number including country or area code when applicable <i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>	X AN 1/80
	G6105	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number <i>Use to provide the title or the office symbol of the party cited in G6102.</i>	O AN 1/20

Segment:	MSG Message Text
Position:	550
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	50
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	<p><i>1. Use this segment to provide clear text information applicable to the entity cited in the preceding N1 segment.</i></p> <p><i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **CB1** Contract and Cost Accounting Standards Data
Position: 560
Loop: CB1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify contract and cost accounting standards data
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Use this segment to identify the access required to specific data and information in the performance of the resultant award instrument and to indicate the actions required of and authorizations provided to the contractor under the resultant award instrument.

Data Element Summary

M	Ref. Des.	Data Element	Name	Attributes
	CB101	1309	Acquisition Data Code	M ID 2/2
			Code identifying acquisition data	
		18	Access to Communications Security Information Required	
		19	Access to Communication Security Information Not Required	
		20	Access to Restricted Data Required	
		21	Access to Restricted Data Not Required	
		22	Access to Critical Nuclear Weapon Design Information Required	
		23	Access to Critical Nuclear Weapon Design Information Not Required	
		24	Access to Formerly Restricted Data Required	
		25	Access to Formerly Restricted Data Not Required	
		26	Access to Sensitive Compartmented Information Required	
		27	Access to Sensitive Compartmented Information Not Required	
		28	Access to Non-sensitive Compartmented Information Required	
		29	Access to Non-sensitive Compartmented Information Not Required	
		30	Access to Special Access Information Required	
		31	Access to Special Access Information Not Required	
		32	Access to North Atlantic Treaty Organization Information Required	
		33	Access to North Atlantic Treaty Organization Information Not Required	
		34	Access to Foreign Government Information Required	
		35	Access to Foreign Government Information Not Required	
		36	Access to Limited Dissemination Information Required	
		37	Access to Limited Dissemination Information Not Required	
		38	Access to For Official Use Only Information Required	
		39	Access to For Official Use Only Information Not Required	
		40	Access to Other Type of Information Required	
		41	Access to Other Type of Information Not Required	
		42	Contractor Will Have Access to United States Classified Information at another Contractor's Facility or a Government Activity	
		43	Contractor Will Not Have Access to United States Classified Information at another Contractor's Facility or a	

	Government Activity
44	Contractor Will Receive Classified Documents Only
45	Contractor Will Not Receive Classified Documents Only
46	Contractor Will Receive or Generate Classified Material
47	Contractor Will Not Receive or Generate Classified Material
48	Contractor Will Fabricate, Modify, or Store Classified Hardware
49	Contractor Will Not Fabricate, Modify, or Store Classified Hardware
50	Contractor Will Perform Services Only
51	Contractor Will Not Perform Services Only
52	Contractor Will Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
53	Contractor Will Not Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
54	Contractor Will Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center
55	Contractor Will Not Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center
56	Contractor Will Require a Communications Security Account
57	Contractor Will Not Require a Communications Security Account
58	Contractor Will Have Tempest Requirements
59	Contractor Will Not Have Tempest Requirements
60	Contractor Will Have Operations Security Requirements
61	Contractor Will Not Have Operations Security Requirements
62	Contractor Will Be Authorized to use the Defense Courier Service
63	Contractor Will Not Be Authorized to use the Defense Courier Service
64	Contractor Will Have some other Authorization in the Performance of the Contract
65	Contractor Will Not Have some other Authorization in the Performance of the Contract
66	Facility Clearance Required
67	Facility Clearance Not Required
68	Follow-on Contract
69	Not a Follow-on Contract
70	Final Contract Security Classification Specification
71	Not a Final Contract Security Classification Specification
72	Direct Public Release Authorized
73	Direct Public Release Not Authorized
74	Additional Materials being Forwarded
75	No Additional Materials being Forwarded
76	Additional Requirements Established
77	Additional Requirements Not Established
78	Elements of the Contract are outside the Inspection Responsibility of the Cognizant Security Office
79	No Element of the Contract Is Outside the Inspection Responsibility of the Cognizant Security Office
80	Contractor Distribution Required
81	Contractor Distribution Not Required
82	Subcontractor Distribution Required

- 83 Subcontractor Distribution Not Required
- 84 Cognizant Security Office for Prime and Subcontractor Distribution Required
- 85 Cognizant Security Office for Prime and Subcontractor Distribution Not Required
- 86 United States Activity Responsible for Overseas Security Administration Distribution Required
- 87 United States Activity Responsible for Overseas Security Administration Distribution Not Required
- 88 Administrative Contracting Office Distribution Required
- 89 Administrative Contracting Office Distribution Not Required
- 90 Other Distribution Required
- 91 Other Distribution Not Required

X CB102 1310 Financing Type Code O ID 1/1
 Code identifying the type of contract financing required by the submitter of a pricing proposal
 Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **REF** Reference Numbers
Position: 570
Loop: CB1 Optional
Level: Heading
Usage: Optional
Max Use: 20
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

Use this segment to provide reference numbers associated with access information contained in the Contract Security Classification Specification (DD Form 254).

Data Element Summary

M	Ref.	Data	Name	Attributes
	Des.	Element		
	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
			43 Supporting Document Number <i>Use Code 43 to indicate a reference (paragraph number or section) that contains additional information applicable to the DD Form 254. Cite the reference in REF02 and identify the document in REF03.</i>	
			KL Contract Reference <i>Use to indicate a clause in the award instrument that contains additional security requirements or unique inspection requirements.</i>	
			KT Request for Quotation Reference <i>Use to indicate a clause in the solicitation that contains additional security requirements or unique inspection requirements.</i>	
			KU Office Symbol <i>When CB101 is code 90, use to indicate the office symbol to which additional distribution of the Contract Security Classification Specification (DD Form 254) is required.</i>	
			P1 Previous Contract Number <i>When CB101 is Code 68, use to indicate the preceding award instrument number under which classified data was received or generated.</i>	
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content <i>1. When REF01 is code 43, use to identify the document that contains the paragraph number or section where the applicable information is located.</i> <i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80

Segment: **DTM** **Date/Time Reference**
Position: 580
Loop: CB1 Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 992 Date Requested <i>When CB101 is Code 70, use to indicate the date of a contractor's request to retain classified material.</i>	M ID 3/3
	DTM02	373	Date Date (YYMMDD)	X DT 6/6
X	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
X	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2
X	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
X	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: **LDT** Lead Time
Position: 590
Loop: CB1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LDT01	345	Lead Time Code Code indicating the time range BA From Date of Award to Expiration Date of Authorization <i>Use to indicate the authorized period for a contractor to retain classified materials.</i>	M ID 2/2
M	LDT02	380	Quantity Numeric value of quantity	M R 1/15
M	LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval CY Calendar Year DA Calendar Days MO Month WK Weeks	M ID 2/2
X	LDT04	373	Date Date (YYMMDD)	O DT 6/6

Segment:	MSG Message Text
Position:	600
Loop:	CB1 Optional
Level:	Heading
Usage:	Optional
Max Use:	50
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	<p><i>1. When CB101 is Code 74, 76, or 78, use this segment to provide additional clear text information.</i></p> <p><i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment:	PO1 Baseline Item Data
Position:	010
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If PO103 is present, then PO102 is required. 2 If PO105 is present, then PO104 is required. 3 If either PO106 or PO107 is present, then the other is required. 4 If either PO108 or PO109 is present, then the other is required. 5 If either PO110 or PO111 is present, then the other is required. 6 If either PO112 or PO113 is present, then the other is required. 7 If either PO114 or PO115 is present, then the other is required. 8 If either PO116 or PO117 is present, then the other is required. 9 If either PO118 or PO119 is present, then the other is required. 10 If either PO120 or PO121 is present, then the other is required. 11 If either PO122 or PO123 is present, then the other is required. 12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of ID's. 2 PO101 is the line item identification. 3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

- Notes:**
1. Use this PO1 loop to identify all information related to a Contract Line Item Number (CLIN), a Subcontract Line Item Number (SUBCLIN), or an Exhibit Line Item Number (ELIN). Each iteration of the PO1 loop will carry all information related to the CLIN, SUBCLIN or ELIN specified in PO101.
 2. When BQT01 is code 01, 17, or code 02, 03, 04, 05 and there are no additions, deletions or changes to table 2, only PO101 need be transmitted.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>1. Use to identify the Contract Line Item Number (CLIN), the Sub Contract Line Item Number (SUBCLIN), or the Exhibit Line Item Number (ELIN), if one is assigned.</i> <i>2. When BQT01 is code 01, 17, or code 02, 03, 04, 05 and there are no additions, deletions or changes to table 2, cite the word "NONE" in this data element.</i>	O AN 1/11
PO102	330	Quantity Ordered Quantity ordered <i>1. Use to specify the quantity of the item being solicited. If prices for step ladder quantities are being solicited, PO102 will cite the base quantity that is being solicited and the step ladder quantities will be cited in the 2/CTP/040 segment.</i> <i>2. Minimum and maximum quantities that will be ordered under a resultant Indefinite Delivery Indefinite Quantity (IDIQ) award instrument are specified in the MEA segment.</i> <i>3. Do not use this data element at the CLIN level if the quantities are specified at the SUBCLIN level.</i>	X R 1/9
PO103	355	Unit or Basis for Measurement Code	O ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. Do not use this data element at the CLIN level if the quantities are specified at the SUBCLIN level.

3. A conversion table may be required to convert agency codes to ASC X12 codes.

SX Shipment

Use when PO101 is a CLIN for transportation charges.

ZZ Mutually Defined

Use to indicate a job or a task.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO104 212 Unit Price X R 1/17

Price per unit of product, service, commodity, etc.

To comply with the X12 syntax, when PO105 is used, cite "0" in this data element.

PO105 639 Basis of Unit Price Code O ID 2/2

Code identifying the type of unit price for an item

CA Catalog
ES Estimated
FB Fabrication Cost

Use to indicate the price includes the incorporation of Government Furnished Property (GFP) into the item.

KA Price with Government Furnished Property

Use to indicate the price of the items includes the use of GFP to manufacture the item.

NC No Charge
NE Not to Exceed
NS Not Separately Priced

Use to indicate that the offerors are not to provide a price for this item but are to include the cost in the price of the item to which it pertains, e.g., data may not be separately priced.

PQ Posted

Use to indicate offerors are to provide a TOTAL price for the line item, NOT A UNIT PRICE.

TB To be negotiated.

PO106 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. PO106 through PO125 are used in pairs, e.g., PO106 will contain a qualifier code and PO107 will contain data related to the code.

2. Any code may be used, but the listed codes are preferred.

A8 Exhibit Line Item Number

AK Refined Product Code

CG Commodity Grouping

Use to indicate a commodity code, e.g., the 2 position Federal Supply Group code.

CL Color

EF Exhibit Identifier

Use to indicate the letter assigned to an exhibit.

F1 Catalog Number

Use to indicate a catalog number that can be used to identify the product.

F7 End-Item Description

Use to indicate the end item to which the solicited item applies.

F8 Next Higher Used Assembly

Use to indicate the next higher assembly to which the solicited item applies.

FS National Stock Number

The NSN shall be transmitted without dashes.

FT Federal Supply Classification

Use to indicate the 4 position Federal Supply Classification code or Product Service code.

IN Buyer's Item Number

Use to indicate a locally assigned code for a product or a service when a stock number does not apply.

KA Engineering Data List

Use to indicate the Engineering Data List that contains technical information related to the CLIN or SUBCLIN.

KB Data Category

When PO101 is a CLIN or SUBCLIN related to an exhibit, use to indicate the data category of a Contract Data Requirements List.

KD Replacement National Stock Number

Use to indicate the NSN that will be assigned to an item being modified.

KF Item Type Number

KG Time Compliant Technical Order

KI Cognizance Symbol

KJ Material Control Code

KK Special Material Identification Code

KL Item Management Code

KM Shelf-Life Code

KN Shelf-Life Action Code

LT Lot Number

MF Manufacturer

When used, cite the DUNS number of the manufacturer in the following data element.

MG Manufacturer's Part Number

When used, a second 235/234 pair must be used citing either code MF or code ZB.

MN Model Number

N1 National Drug Code in 4-4-2 Format

N2 National Drug Code in 5-3-2 Format

N3 National Drug Code in 5-4-1 Format

N4 National Drug Code in 5-4-2 Format

ND National Drug Code (NDC)

PD Part Number Description

Use to indicate the noun nomenclature of the item.

PU Part Reference Number

Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.

RC Returnable Container No.

Use to indicate an NSN, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with code RS.

SH Service Requested

Use to indicate (in clear text) the service being solicited.

SN Serial Number

Use to indicate the serial number of the item cited in PO101. For example, the serial number of an aircraft engine that is to be repaired.

SW Stock Number

Use to indicate a local stock number.

SZ Vendor Alphanumeric Size Code (NRMA)

Use to indicate the size of the item being solicited.

UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)**VP Vendor's (Seller's) Part Number**

Use to indicate a part number assigned by a contractor other than the manufacturer.

ZB Commercial and Government Entity (CAGE) Code

Use to indicate a manufacturer who can be identified by a CAGE code.

ZZ Mutually Defined

Use to indicate a miscellaneous charge, e.g., transportation, insurance, warranty, taxes, etc. Cite "Miscellaneous Charge" in the following 234 data element and identify the purpose of the charge using a code in SAC02 of the 2/SAC/130 segment. If the miscellaneous charge is for multiple purposes, repeat the 2/SAC/130 segment using an applicable code in SAC02 each time. Transportation related charges should be a separate miscellaneous charge. **DO NOT** group transportation charges with any other miscellaneous charge.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO107	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO108	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO109	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO110	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO111	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO112	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO113	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO114	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		

PO115	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
PO116	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
PO117	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
PO118	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
PO119	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
PO120	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
PO121	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
PO122	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
PO123	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
PO124	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
PO125	234	Product/Service ID Identifying number for a product or service	X	AN 1/40

Segment: **CUR** Currency
Position: 020
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Notes: 1. *Use to indicate that quotes for the line item may be submitted in a currency other than US dollars. Do not use when quotes are to be submitted only in US dollars. When used, one currency, other than US dollars must be cited in CUR02. CUR05 may be used to cite a second acceptable currency.*

2. *If quotes for the line item may be submitted in any currency, use the 2/N9/320 loop with code KD in N901 and use the 2/MSG/330 segment to provide that instruction.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	CUR01	98 Entity Identifier Code	M ID 2/2	
		Code identifying an organizational entity, a physical location, or an individual Party Submitting Quote		
		C5		<i>Use to indicate that a quoting party may quote in a currency cited in CUR02 or CUR05.</i>
M	CUR02	100 Currency Code	M ID 3/3	
		Code (Standard ISO) for country in whose currency the charges are specified		
				<i>Use any code other than the code for US dollars.</i>
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	CUR03	280 Exchange Rate	O R 4/6	
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
X	CUR04	98 Entity Identifier Code	O ID 2/2	
		Code identifying an organizational entity, a physical location, or an individual		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
	CUR05	100 Currency Code	O ID 3/3	
		Code (Standard ISO) for country in whose currency the charges are specified		
				<i>Use any code other than the code for US dollars.</i>
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	CUR06	669 Currency Market/Exchange Code	O ID 3/3	
		Code identifying the market upon which the currency exchange rate is based		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	CUR07	374 Date/Time Qualifier	X ID 3/3	
		Code specifying type of date or time, or both date and time		
		Refer to 003050 Data Element Dictionary for acceptable code values.		

X	CUR08	373	Date Date (YYMMDD)	O	DT 6/6
X	CUR09	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O	TM 4/8
X	CUR10	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 3/3
X	CUR11	373	Date Date (YYMMDD)	X	DT 6/6
X	CUR12	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8
X	CUR13	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 3/3
X	CUR14	373	Date Date (YYMMDD)	X	DT 6/6
X	CUR15	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8
X	CUR16	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 3/3
X	CUR17	373	Date Date (YYMMDD)	X	DT 6/6
X	CUR18	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8
X	CUR19	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 3/3
X	CUR20	373	Date Date (YYMMDD)	X	DT 6/6
X	CUR21	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8

Segment:	CN1 Contract Information
Position:	025
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic data about the contract or contract line item
Syntax Notes:	
Semantic Notes:	1 CN102 is the contract amount. 2 CN103 is the allowance or charge percent. 3 CN104 is the contract code. 4 CN106 is an additional identifying number for the contract.

Comments:**Notes:**

Use this 2/CN1/025 segment to identify the type of pricing arrangement that is expected to be applicable to a specific line item if it will differ from the pricing arrangement that is expected to be applicable to the award instrument. BQT08 specifies the pricing arrangement that is expected to be applicable to the entire award instrument. BQT08 and the 2/CN1/025 segment can both be included in the transaction set if needed.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	CN101	1166 Contract Type Code	M ID 2/2	
		Code identifying a contract type		
		CA	Cost Plus Incentive Fee (With Performance Incentives)	
		CB	Cost Plus Incentive Fee (Without Performance Incentives)	
		CH	Cost Sharing	
		CS	Cost	
		CW	Cost Plus Award Fee	
		CX	Cost Plus Fixed Fee	
		FB	Fixed Price Incentive Firm Target (With Performance Incentive)	
		FC	Fixed Price Incentive Firm Target (Without Performance Incentive)	
		FD	Fixed Price Redetermination	
			<i>Use to indicate a prospective fixed price redetermination procurement line item.</i>	
		FF	Fixed Price Incentive Successive Target (With Performance Incentive)	
		FG	Fixed Price Incentive Successive Target (Without Performance Incentive)	
		FH	Fixed Price Award Fee	
		FJ	Fixed Price Level of Effort	
		FK	No Cost	
		FR	Firm Fixed Price	
		FX	Fixed Price with Economic Price Adjustment	
		LH	Labor Hours	
		TM	Time and Materials	
		ZZ	Mutually Defined	
			<i>Use to indicate a retroactive fixed price redetermination procurement line item.</i>	
X	CN102	782 Monetary Amount	O R 1/15	
		Monetary amount		
X	CN103	332 Percent	O R 1/6	
		Percent expressed as a percent		
X	CN104	127 Reference Number	O AN 1/30	
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
X	CN105	338 Terms Discount Percent	O R 1/6	

840 – Request for Quotation

X

CN106

799

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

Version Identifier

O AN 1/30

Revision level of a particular format, program, technique or algorithm

Segment: **PO3** Additional Item Detail
Position: 030
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify additional item-related data involving variations in normal price/quantity structure

Syntax Notes: 1 If PO304 is present, then at least one of PO303 or PO305 is required.

Semantic Notes:

- Comments:**
- 1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
 - 2 PO307 defines the unit of measure for PO306.

Notes: *Use this segment to provide additional information applicable to the CLIN, SUBCLIN, or ELIN specified in PO101.*

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	PO301	371	Change Reason Code Code specifying the reason for price or quantity change	M ID 2/2
			AQ Alternate Quantity and Unit of Measure <i>Use to specify that the CLIN, SUBCLIN, or ELIN has an alternate quantity and unit of measure (e.g. PO102/03 could cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being solicited - steel plates).</i>	
			EV Estimated Quantity <i>Use to indicate the quantity cited in PO102 is an estimated quantity.</i>	
			UP Unit Price <i>Use to indicate that the price cited in PO304 is currently available for ordering this item pursuant to a Federal Supply Schedule or other award instrument. When used cite code GOV in PO303 and the unit price in PO304.</i>	
X	PO302	373	Date Date (YYMMDD)	O DT 6/6
	PO303	236	Price Identifier Code Code identifying pricing specification	X ID 3/3
			GOV Government Price	
	PO304	212	Unit Price Price per unit of product, service, commodity, etc.	O R 1/17
X	PO305	639	Basis of Unit Price Code Code identifying the type of unit price for an item	X ID 2/2
			Refer to 003050 Data Element Dictionary for acceptable code values.	
M	PO306	380	Quantity Numeric value of quantity	M R 1/15
			<i>1. When PO301 is code EV or UP, repeat the quantity cited in PO102.</i>	
			<i>2. When PO301 is code AQ, cite the applicable quantity.</i>	
M	PO307	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. Due to the mandatory nature of this data element, when PO301 is code EV or UP, repeat the unit of measure cited in PO103.</i>	

X

PO308

352

3. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

Description

O AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	CTP Pricing Information
Position:	040
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify pricing information
Syntax Notes:	<ol style="list-style-type: none"> 1 If either CTP04 or CTP05 is present, then the other is required. 2 If CTP06 is present, then CTP07 is required. 3 If CTP09 is present, then CTP02 is required. 4 If CTP10 is present, then CTP02 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given. 2 CTP08 is the rebate amount.
Comments:	<ol style="list-style-type: none"> 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.
Notes:	<p><i>Use this segment to signal to prospective offerors that a variety of prices are being solicited, e.g., step-ladder prices (prices based on a range of solicited quantities), zone prices (prices based on deliveries to various geographic locations), or labor rates for categories of labor an offeror may propose for a time and materials or labor hour award instrument. It is also used to request the offeror to specify quantities at which he offers a price break, or to indicate that his catalog price along with his quoted price is required in his proposal.</i></p> <p><i>Example of how prices are solicited for step ladder quantities for quantities 1-10, 11-20, 21-30, and 31-50:</i></p> <p> CTP**PBQ**1*EA N/L CTP**ICL**10*EA N/L CTP**ICL**20*EA N/L CTP**ICL**30*EA N/L CTP**MAX**50*EA N/L </p>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
X	CTP01	687 Class of Trade Code	O ID 2/2
		Code indicating class of trade	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	CTP02	236 Price Identifier Code	X ID 3/3
		Code identifying pricing specification	
		<i>Use to identify the type of prices an offeror is required to submit in his quote.</i>	
		ALT Alternate Price	
		<i>Use to indicate a lease-to-purchase price.</i>	
		CAT Catalog Price	
		<i>Use to indicate the offeror, in addition to his quoted price, is to provide his catalog price for the item specified in PO101.</i>	
		ICL Unit Price Through Quantity	
		<i>1. When prices are being solicited for quantity ranges applicable to step ladder pricing, use to indicate the end of a quantity range.</i>	
		<i>2. Use in conjunction with codes PBQ and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in</i>	

			<i>contrast to use of code PAQ which identifies quantities at which different prices are applied.</i>		
			LAR	Labor Rate	
				<i>Use to indicate the offeror is to provide hourly labor rates for the labor categories quoted. These labor rates will be provided in the PD/PDD loop of the 843 transaction set.</i>	
			MAX	Maximum Order Quantity Price	
				<i>1. When prices are being solicited for quantity ranges applicable to step ladder pricing, use to indicate the quantity above which the price will not change.</i>	
				<i>2. Use in conjunction with codes ICL and PBQ for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.</i>	
			PAQ	Price Break Quantity(s)	
				<i>Use to indicate that the offeror is to identify a quantity where an incremental price break occurs. For example, if price breaks occur at quantities 11, 21, 31, etc., then for a purchase quantity of 25, the first 10 units are at the first price, the next 10 units are at the second price and the last 5 units are at the third price. This is in contrast to step ladder prices where all 25 units are one price.</i>	
			PBQ	Unit Price Beginning Quantity	
				<i>1. When prices are being solicited for quantity ranges applicable to step ladder pricing, use to indicate the beginning of a quantity range.</i>	
				<i>2. Use in conjunction with codes ICL and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.</i>	
			PUR	Purchase	
				<i>Use to indicate the offeror is to provide a replacement price for an item if it is less costly than to repair.</i>	
			ZNP	Zone Price	
				<i>Use to indicate that prices are being solicited for delivery to the zone cited in CTP10. This is the total price of the item and is based on standard commercial packaging.</i>	
X	CTP03	212	Unit Price		O R 1/17
			Price per unit of product, service, commodity, etc.		
	CTP04	380	Quantity		X R 1/15
			Numeric value of quantity		
			<i>When CTP02 is code LAR and CTP05 is code HR, cite "1".</i>		
	CTP05	355	Unit or Basis for Measurement Code		X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>1. Use any code other than code ZZ.</i>		
			<i>2. An application program conversion table may be required to convert</i>		

agency codes to ASC X12 codes.

HR Hours

When CTP02 is code LAR, use to indicate the offeror is to provide the estimated number of hours associated with an hourly labor rate cited in CTP02. The estimated number of hours will be provided in the PD/PDD loop of the 843 transaction set.

X	CTP06	648	Refer to 003050 Data Element Dictionary for acceptable code values. Price Multiplier Qualifier	O	ID 3/3
			Code indicating the type of price multiplier		
X	CTP07	649	Refer to 003050 Data Element Dictionary for acceptable code values. Multiplier	X	R 1/10
			Value to be used as a multiplier to obtain a new value		
X	CTP08	782	Monetary Amount	O	R 1/15
			Monetary amount		
X	CTP09	639	Basis of Unit Price Code	O	ID 2/2
			Code identifying the type of unit price for an item		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	CTP10	499	Condition Value	O	AN 1/10
			Identifies rate restrictions or provisions		
			<i>When CTP02 is Code ZNP, use to indicate the delivery zone for which prices are being solicited.</i>		

Segment:	MEA Measurements
Position:	049
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	<p><i>1. Use this 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.</i></p> <p><i>2. This segment can be used to identify the maximum size standards for the Standard Industrial Classification (SIC) Code applicable to the line item; the length of a required warranty; and for line items in a basic type award instrument, e.g., a requirements, a BPA, an indefinite quantity type award instrument, etc., the variations in quantity permitted, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, the minimum and maximum obligations of the government and the contractor.</i></p>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies <i>Use any code.</i>	
		BT Batch Limits <i>When BQT06 is code KB, KD, KE, KI, KQ, or KR, use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a basic award type instrument. When BQT06 is code KT or RL, use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under the specific Task Order or Delivery Order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.</i>	
		CS Core Size <i>When REF01 is Code IJ, use to indicate the size standard for the cited SIC code.</i>	
		CT Counts <i>Use to indicate variations in quantity permitted when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.</i>	
		DE Defects <i>Use to indicate a warranty period.</i>	
		LT Lot Limits <i>Use to indicate the minimum and maximum limits of the contractor's</i>	

obligation either in terms of dollars or quantity to deliver under a basic type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL Order Limits

Use to indicate the maximum the government may order from a basic type award instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted

Use to indicate the minimum and maximum quantity or dollars permitted per order against a basic type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

MEA02 738

Refer to 003050 Data Element Dictionary for acceptable code values.

Measurement Qualifier

O ID 1/3

Code identifying a specific product or process characteristic to which a measurement applies

Use any code.

MX Maximum

When MEA01 is code CS, use to indicate the maximum size standard applicable to the SIC code specified in the REF segment. When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified time period.

PO Percent of Order (-, +)

Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

RY Ratio

When CN101 is code CA, CB, CH, FB, FC, FF, or FG, use to indicate the Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.

TT Time

Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101.

ZZZ Mutually Defined

Use this code to indicate minimum guarantee award quantity percentage, minimum guarantee award quantity/amount, maximum ceiling award quantity/amount, and minimum guarantee award amount percentage. When this code is used to specify minimum guarantee award quantity or maximum ceiling award quantity, cite code EA in MEA04-01, the minimum quantity in MEA05 or the maximum quantity in MEA06. To specify minimum guarantee award amount or maximum ceiling award amount, cite code DO in MEA04-01, the minimum amount in MEA05 or the maximum amount in MEA06. To specify minimum guarantee award amount percentage, cite code DO in MEA04-01, code P1 in MEA04-04, and the minimum amount percentage in MEA05. To specify minimum guarantee award quantity percentage, cite code EA in MEA04-01, code P1 in MEA04-04, and the minimum quantity percentage in MEA05.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA03 739

Measurement Value

X R 1/20

The value of the measurement

MEA04 C001

Composite Unit of Measure

X

To identify a composite unit of measure (See Figures Appendix for examples of use)

1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a basic type award instrument and to specify the minimum guaranteed award amount/quantity percentage.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite MX, MEA03 would cite 10,000, MEA04-C00101 would cite EA, and MEA04-4 would cite Q1.

3. To specify the minimum guarantee award amount/quantity percentage, cite code ZZZ in MEA02, either code DO or EA in MEA04-01 and code P1 in MEA04-04.

M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

IE Person

When MEA01 is code CS, use to indicate the SIC size standard in terms of number of employees.

R5 Thousands of Dollars

When MEA01 is code CS, use to indicate the SIC size standard in terms of dollar amount of sales.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	

X	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	

	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	

X	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	

X	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	

X	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	

X	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00111	1018	Exponent	O R 1/15
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			Power to which a unit is raised	
X	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
X	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
X	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	MEA05	740	Range Minimum	X R 1/20
			The value specifying the minimum of the measurement range	
			<i>1. When MEA01 is Code CT, or MEA02 is code PO, use to specify the variation in quantity under.</i>	
			<i>2. When MEA02 is RY, use to specify the proposed Government share.</i>	
			<i>3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.</i>	
			<i>4. When MEA02 is code ZZZ, MEA04-01 is code EA and MEA04-04 is code P1, use to specify the minimum guarantee award quantity percentage.</i>	
			<i>5. When MEA02 is code ZZZ and MEA04-01 is code EA, use to specify the minimum guarantee award quantity.</i>	
			<i>6. When MEA02 is code ZZZ, MEA04-01 is code DO and MEA04-04 is code P1, use to specify the minimum guarantee award amount percentage.</i>	
			<i>7. When MEA02 is code ZZZ and MEA04-01 is code DO, use to specify the minimum guarantee award amount.</i>	
			<i>8. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i>	
	MEA06	741	Range Maximum	X R 1/20
			The value specifying the maximum of the measurement range	
			<i>1. When MEA01 is Code CT, or MEA02 is code PO, use to specify the variation in quantity over.</i>	
			<i>2. When MEA02 is RY, use to specify the proposed contractor share.</i>	
			<i>3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.</i>	
			<i>4. When MEA02 is code ZZ and MEA04-01 is code EA, use to specify the maximum ceiling award quantity.</i>	
			<i>5. When MEA02 is code ZZ and MEA04-01 is code DO, use to specify the maximum ceiling award amount.</i>	
			<i>6. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i>	
X	MEA07	935	Measurement Significance Code	O ID 2/2
			Code used to benchmark, qualify or further define a measurement value	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	MEA08	936	Measurement Attribute Code	X ID 2/2
			Code used to express an attribute response when a numeric measurement value cannot be determined	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

X	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	MEA10	1373	Measurement Method or Device The method or device used to record the measurement Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/4

Segment:	PID Product/Item Description
Position:	050
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID03 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.
Comments:	<ol style="list-style-type: none"> 1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	<i>Use this segment to provide information applicable to a specific line item.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	PID01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
	PID02	750 Product/Process Characteristic Code	O ID 2/3
		Code identifying the general class of a product or process characteristic	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID03	559 Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
		<i>Use any code but use the following code as indicated in the accompanying note.</i>	
		FG Federal Government	
		<i>When this code is used, the code contained in PID04 comes from the Federal EDI Coding Manual, Federal Procurement Code List One (FP1). This code list can be found at http://snad.ncsl.nist.gov/fededi/ under Federal EDI Coding Manual.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID04	751 Product Description Code	X AN 1/12
		A code from an industry code list which provides specific data about a product characteristic	
		<i>When PID03 is code FG, cite one of the following codes from FP1 of the Federal EDI Coding Manual in this data element:</i>	
		MAF First Article	
		MFD Incremental Funding Item	
		MMY Multiyear Contract Action/Item	
		MPL Production Lot Test Unit	
		MPN Option Item	
		MPV Provisioned Item	
		MUC Undefined Contract Action	

	PID05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			<i>1. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>		
			<i>2. When code MPN is cited inPID04, identify the event from which the time period to exercise the option will be calculated, e.g., date of Award, Approval of First Article, etc. Use the 2/MEA/060 segment to specify the time period.</i>		
X	PID06	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that is being described		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	PID07	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
X	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment: **MEA** Measurements

Position: 060

Loop: PID Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

Syntax Notes: 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *When PID04 in the 2/PID/050 segment is code MPN, use this segment to identify the time period from the event specified in PID05 to exercise the option.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
X	MEA01	737	Measurement Reference ID Code	O ID 2/2
			Code identifying the broad category to which a measurement applies	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	MEA02	738	Measurement Qualifier	O ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	MEA03	739	Measurement Value	X R 1/20
			The value of the measurement	
			<i>Use this data element to specify the value of the measurement unit cited in MEA04-01.</i>	
	MEA04	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			MO Months	
			WK Week	
			YR Years	
X	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
X	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
X	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
X	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
X	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

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X	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID 2/2
X	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID 2/2
X	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	MEA05	740	Range Minimum The value specifying the minimum of the measurement range	X	R 1/20
X	MEA06	741	Range Maximum The value specifying the maximum of the measurement range	X	R 1/20
X	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID 2/2
X	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID 2/2
X	MEA10	1373	Measurement Method or Device The method or device used to record the measurement Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/4

Segment:	PWK Paperwork
Position:	070
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To identify the type and transmission of paperwork or supporting information
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number. 2 PWK07 may be used to indicate special information to be shown on the specified report. 3 PWK08 may be used to indicate action pertaining to a report.
Notes:	1. Use this 2/PWK/070 segment to provide paperwork information that applies to a specific line item, Use the 1/PWK/210 segment to specify paperwork that is applicable to all of the line items. 2. Use this segment to identify paperwork required to be provided by the offeror in response to the solicitation, or paperwork that will be required under the resultant procurement instrument, or paperwork being provided as part of the solicitation and, if necessary, how that paperwork will be transmitted.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PWK01	755 Report Type Code	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		Use to identify the type of paperwork that must be provided by the offeror or is being provided by the buying party.	
		25 Purchase Plan	
		Use to indicate a make or buy plan.	
		35 Subcontractor Plan	
		AE Attachment	
		Use to indicate some additional document, e.g., list of government furnished property, applicable to the solicitation is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.	
		C1 Cost Data Summary	
		Use to indicate non-certified cost and price data.	
		C5 Certified Cost and Price Data	
		C6 Wage Determination	
		Use to indicate a Department of Labor Wage Determination. Added the following to the end of code C6 note: When used, identify the Wage Determination number in the 2/REF/100 segment using code 2Y in REF01.	
		CP Certificate of Compliance (Material Certification)	
		Use to indicate a Certificate of Conformance.	
		CX Cost/Schedule Status Report (C/SSR)	
		CY Contract Funds Status Report (CFSR)	
		DW Drawing(s)	
		F1 Cost Performance Report (CPR) Format 1	
		F2 Cost Performance Report (CPR) Format 2	
		F3 Cost Performance Report (CPR) Format 3	
		F4 Cost Performance Report (CPR) Format 4	
		F5 Cost Performance Report (CPR) Format 5	
		IT Certified Inspection and Test Results	
		KA Contract Data Requirements List (CDRL)	

			<i>Use to indicate that attachments applicable to a Contract Data Requirements List (CDRL) will be provided.</i>
		MR	Material Inspection and Receiving Report
		MS	Material Safety Data Sheet
		PD	Proof of Delivery
		PJ	Purchasing Specification
			<i>Use to indicate a Statement of Work (SOW).</i>
		PM	Proof of Insurance
		S9	Representation
			<i>Use to indicate a payment and performance bond.</i>
		SD	Support Data for a Request for Quote
			<i>Use to indicate that supporting technical documentation, e.g., engineering data list, bill of materials, etc., are being provided by the buying party.</i>
		SN	Shipping Notice
		SP	Specification
		TO	Demand Report
			<i>Use to indicate a Contract Data Requirement List (CDRL) deliverable.</i>
		UA	Union Agreement
		US	"BUY AMERICA" Certification of Compliance
PWK02	756	Report Transmission Code	O ID 1/2
		Code defining timing, transmission method or format by which reports are to be sent	
		<i>While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.</i>	
		BE	By Mail and Electronically
			<i>Use to indicate E-Mail.</i>
		BM	By Mail
			<i>Use to indicate transmittal via the USPS.</i>
		CF	Courier
			<i>Use to indicate transmittal via commercial express courier.</i>
		DA	Data
			<i>Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.</i>
		EL	Electronically Only
			<i>1. Use to indicate that data has been or should be sent by a separate EDI transaction set.</i>
			<i>2. If the data has been sent by a separate EDI transaction set, identify the unique number of the transaction set in REF02 of the 2/REF/100 segment citing code TN in REF01.</i>
		FX	By Fax
		IA	Electronic Image
			<i>Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.</i>
		WS	With Shipment (With Package)
PWK03	757	Report Copies Needed	O N0 1/2
		The number of copies of a report that should be sent to the addressee	
		<i>The number of copies is assumed to be 1 unless a greater number is specified in this data element.</i>	
PWK04	98	Entity Identifier Code	O ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		<i>Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK</i>	

			<i>segment with the same report code in PWK01. Provide the address of the recipient in either the 1/N1/310 or 2/N1/340 segment and/or the communications number of the recipient in either the 1/PER/360 or 2/PER/390 segment.</i>	
		44	Data Processing Service Bureau <i>Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>	
		BY	Buying Party (Purchaser) <i>Use to indicate the Contracting Officer.</i>	
		IS	Party to Receive Certified Inspection Report <i>Use when PWK01 is code IT or MR.</i>	
		KF	Audit Office	
		KG	Project Manager <i>Use to indicate the government party responsible for a project including the Advisor under a Grant.</i>	
		KY	Technical Office	
X	PWK05	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	PWK06	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
	PWK07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.</i>	
			<i>2. When PWK02 is code DA, use to identify the other form of electronic transfer.</i>	
			<i>3. When PWK02 is code IA, used to identify the URL.</i>	
			<i>4. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
	PWK08	C002	Actions Indicated	O
			Actions to be performed on the piece of paperwork identified	
M	C00201	704	Paperwork/Report Action Code	M ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
		2	Report to be Filed <i>When PWK01 is Code CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, PD, S9, SN, or TO use to indicate the specified paperwork will be required under the resultant award instrument.</i>	
		5	Generate <i>When PWK01 is Code 25, 35, C1, C5, C6, MS, PM, PP, UA, or US, use to indicate the specified paperwork must be provided in the response to this solicitation.</i>	
		PV	Provided <i>When PWK01 is code AE, DW, KA, PJ, SD, or SP, use to indicate the specified paperwork will be provided by the buyer.</i>	
X	C00202	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	C00203	704	Paperwork/Report Action Code	O ID 1/2

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X	C00204	704	<p>Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required Refer to 003050 Data Element Dictionary for acceptable code values.</p> <p>Paperwork/Report Action Code O ID 1/2</p> <p>Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required Refer to 003050 Data Element Dictionary for acceptable code values.</p>
X	C00205	704	<p>Paperwork/Report Action Code O ID 1/2</p> <p>Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required Refer to 003050 Data Element Dictionary for acceptable code values.</p>

Segment:	PKG Marking, Packaging, Loading
Position:	080
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of PKG04 PKG05 or PKG06 is required. 2 If PKG04 is present, then PKG03 is required. 3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 Special marking or tagging data can be given in PKG05 (description).
Notes:	<p><i>1. Use this 2/PKG/080 segment when packaging requirements apply to specific line items. Use the 2/PKG/450 segment if the packaging requirements apply to a named entity.</i></p> <p><i>2. Packaging information such as the number of items in a unit container; the number of unit containers in a intermediate container; a requirement for palletized loads or shrink wrap; or the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.</i></p> <p><i>3. The use of MILSTD 2073-1C codes to identify packaging requirements for items in this award instrument are primarily for items that are expected to enter the military distribution system. Commercial packaging is expected to be used to the maximum extent possible for all other items.</i></p> <p><i>4. Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04</i></p>

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify the applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		IC Intermediate Container	
		OPI Optional Procedure Indicator	
		PK Packing	
		<i>To specify commercial packaging, cite code DF in PKG03 and code U in PKG04.</i>	
		PM Preservation Method	
		PML Preservation Material	
		SMK Special Marking	
		UC Unit Container	
		UCL Unit Container Level	

			WM	Wrapping Material		
	PKG03	559	Agency Qualifier Code		X	ID 2/2
			Code identifying the agency assigning the code values			
			DF	Department of Defense (DoD)		
			GS	General Services Administration (GSA)		
			ZZ	Mutually Defined		
				<i>Use to indicate a federal activity other than DoD or GSA.</i>		
	PKG04	754	Packaging Description Code		X	AN 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
			<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).</i>			
			<i>2. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>			
	PKG05	352	Description		X	AN 1/80
			A free-form description to clarify the related data elements and their content			
			<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>			
			<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>			
X	PKG06	400	Unit Load Option Code		X	ID 2/2
			Code identifying loading or unloading a shipment			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment:	PO4 Item Physical Details
Position:	090
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	<ol style="list-style-type: none"> 1 If either PO402 or PO403 is present, then the other is required. 2 If PO405 is present, then PO406 is required. 3 If either PO406 or PO407 is present, then the other is required. 4 If either PO408 or PO409 is present, then the other is required. 5 If PO410 is present, then PO413 is required. 6 If PO411 is present, then PO413 is required. 7 If PO412 is present, then PO413 is required. 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ. 2 PO413 defines the unit of measure for PO410, PO411, and PO412.
Notes:	<ol style="list-style-type: none"> 1. Use this segment to specify the weight, cube, or dimensions of the unit or intermediate pack, or the unit pack quantity or intermediate container quantity; to indicate that palletized loads are required; or to indicate that shrink wrap is required. To specify the unit pack quantity, use PO401 and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50 and PO404 would cite code UNT. 2. If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403, and PO404. In this instance, if there are 24, 12 ounce bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per intermediate container is required, use code INT in PO404 and cite the quantity in PO414.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack Number of inner pack units per outer pack unit <i>1. Use to identify the unit pack quantity.</i> <i>2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).</i> <i>3. Cite the number 888888 to indicate "Packager's option as long as all other requirements are met" (MIL-STD 2073-2C code YYY).</i> <i>4. Cite the number 999999 to indicate "Special requirements - refer to supplemental data , special instructions or drawings provided" (MIL-STD 2073-2C code ZZZ).</i>	O N0 1/8
PO402	357	Size Size of supplier units in pack <i>Use only to identify the size of the individual items within a unit container.</i>	X R 1/8
PO403	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2

PO404	103	1. Use any code other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
		Packaging Code	O AN 3/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	
		INT	Intermediate Container
		PAF	Pallet - 4 Way
		PAT	Pallet - 2 Way
		SRW	Shrink Wrap
		UNT	Unit
		Use to indicate the unit container.	
PO405	187	Weight Qualifier	O ID 1/2
		Code defining the type of weight	
		Use any code other than code Z.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
PO406	384	Gross Weight per Pack	X R 1/9
		Numeric value of gross weight per pack	
		Use this data element to specify the weight of a container. The weight shall be provided to 1 decimal place.	
PO407	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
PO408	385	Gross Volume per Pack	X R 1/9
		Numeric value of gross volume per pack	
		Use this data element to specify the cube of a container. The cube shall be provided to 3 decimal places.	
PO409	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
PO410	82	Length	X R 1/8
		Largest horizontal dimension of an object measured when the object is in the upright position	
PO411	189	Width	X R 1/8
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
PO412	65	Height	X R 1/8
		Vertical dimension of an object measured when the object is in the upright position	
		Use to specify the depth of the container.	
PO413	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	

Number of units in each selling pack

1. Use to specify the quantity of unit containers in an intermediate container.

2. Cite the number 666666 to indicate "See appendix B, MIL-STD 2073-1B" (MIL-STD 2073-2C code AAA).

3. Cite the number 777777 to indicate "See method of preservation" (MIL-STD 2073-2C code XXX).

4. Cite the number 888888 to indicate "Packer's option as long as all other requirements are met" (MIL-STD 2073-2C code YYY).

5. Cite the number 999999 to indicate "Special requirements - see specific drawings or instructions provided" (MIL-STD 2073-2C code ZZZ).

Segment: **REF** Reference Numbers
Position: 100
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

Use the 2/REF/100 segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to identify reference numbers that apply to all of the line items.

Data Element Summary

M	Ref. Des. REF01	Data Element 128	Name	Attributes M ID 2/2
	Reference Number Qualifier			
			Code qualifying the Reference Number.	
		16	Military Interdepartmental Purchase Request (MIPR) Number	
		2E	Foreign Military Sales Case Number	
			<i>Use to indicate a Foreign Military Sale.</i>	
		2Y	Wage Determination	
			<i>Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.</i>	
		73	Statement of Work (SOW)	
			<i>Use to indicate the Statement of Work (SOW) number applicable to this line item. If a SOW is part of this solicitation, the PWK segment can be used to indicate how the SOW is being provided.</i>	
		82	Data Item Description (DID) Reference	
		83	Extended (or Exhibit) Line Item Number (ELIN)	
		97	Package Number	
		9G	Department of Defense Form 250 Requirement Code	
			<i>Use to indicate the inspection and acceptance requirements for a data item specified on the Contract Data Requirements List.</i>	
		CT	Contract Number	
			<i>Use to indicate an existing contractual instrument applicable to this solicitation.</i>	
		DG	Drawing Number	
		EV	Receiver Identification Number	
			<i>Use to identify the requiring office, i.e., the technical office responsible for ensuring adequacy of the data required on a Contract Data Requirements List. Use an abbreviation of the activity, e.g., NICP, Navy Inventory Control Point.</i>	
		IJ	Standard Industry Classification (SIC) Code	
			<i>Use to indicate the Standard Industry Classification code applicable to a line item.</i>	
		IL	Internal Order Number	
			<i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>	
		IQ	End Item	
			<i>Use to specify an end item to which the solicited item</i>	

	<i>pertains.</i>
IX	Item Number <i>Use to indicate a Federal Supply Schedule (FSS) special item number.</i>
KF	Pre-award Survey <i>Use this code to indicate the number of a pre-award survey.</i>
K0	Approval Code <i>Use to indicate the approval code on a Contract Data Requirements List.</i>
KL	Contract Reference <i>For a Contract Data Requirements List data item, use to indicate the reference in the contract that generates the requirement for the data item (e.g., Statement of Work paragraph).</i>
KV	Distribution Statement Code <i>Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item.</i>
LT	Lot Number
LX	Qualified Products List <i>When IT801 is code QP, QM, or QB, use to indicate the Qualified Product List, Qualified Manufacturer List or Qualified Bidders List number.</i>
NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number
NL	Technical Order Number
P4	Project Code <i>Use to indicate the project number applicable to the line item.</i>
PG	Product Group <i>1. Use to indicate a North American Industrial Classification System (NAICS) code. When this code is used, the code cited in REF02 can be found at http://www.census.gov/epcd/www/naics.html.</i> <i>2. The NAICS code MUST be 6 digits. If the NAICS code is less than 6 digits, add a trailing zero.</i>
PH	Priority Rating <i>Use to indicate the MILSTRIP priority rating.</i>
QC	Product Specification Document Number
RQ	Purchase Requisition No. <i>Use to indicate the Purchase Request (PR) number or Purchase Request Order Number (PRON). When citing a Purchase Request number, concatenate the line item number with the Purchase Request number if it is necessary to transmit both numbers.</i>
RS	Returnable Container Serial Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number <i>Use to indicate a specification number other than a Military Specification (MIL-SPEC). When used, cite the specification number in REF02 and identify the issuing activity in REF03.</i>
T4	Signal Code
TN	Transaction Reference Number <i>1. Use to indicate the unique reference number of a related transaction set (e.g. an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the</i>

			<p><i>case of the 841 transaction set, that number is carried in SPI02.</i></p> <p><i>2. When used, cite the related transaction set's unique number in REF02 and cite the X12 transaction set designator of the related transaction set, e.g., 841, in REF03.</i></p>
		TP	Test Specification Number
		VQ	Related Contract Line Item Number
			<i>Use to indicate a line item in the solicitation to which this line item pertains.</i>
		VW	Standard
			<i>Use to indicate a standard other than a Military Standard (MIL-STD). When used, cite the standard number in REF02, e.g., ASTM D3951, and, if necessary, further identify the standard in REF03.</i>
		W2	Weapon System Number
			<i>Use to indicate the Weapon System code.</i>
		W6	Federal Supply Schedule Number
		W8	Suffix
			<i>Use to indicate the MILSTRIP requisition suffix number. This code can be used if there is ONLY one occurrence of the REF segment with code IL in REF01.</i>
		WL	Federal Supply Classification Code
		XE	Transportation Priority Number
		ZZ	Mutually Defined
			<i>Use to indicate another type of reference number. When used, identify the nature of the number in REF03.</i>
REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.
			<i>If a document has a revision or extension, the document number and the revision or extension number should be concatenated and cited in this data element.</i>
REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content
			<i>1. Use to carry additional information related to a reference number cited in REF02.</i>
			<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>

Segment:	PER Administrative Communications Contact
Position:	110
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	<i>Use this segment to provide names and communication numbers for points of contact applicable to a line item and which are not associated with an address.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		AU Report Authorizer	
			<i>1. Use to indicate the approver of a Contract Data Requirements List.</i>
			<i>2. Use this code when PO106 code EF is used.</i>
		BD Buyer Name or Department	
			<i>Use to indicate the Grants Management Specialist.</i>
		PI Preparer	
			<i>1. Use to indicate the preparer of a Contract Data Requirements List.</i>
			<i>2. Use this code when PO106 code EF is used.</i>
	PER02	93 Name	O AN 1/35
		Free-form name	
			<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>
	PER03	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		AU Defense Switched Network	
		EM Electronic Mail	
		FX Facsimile	
		IT International Telephone	
			<i>Include the country code.</i>
		TE Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
	PER04	364 Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
			<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>
	PER05	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
			<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.</i>
		AU Defense Switched Network	

		EM	Electronic Mail	
		EX	Telephone Extension	
			<i>Use only if PER03 is used citing code AU or TE.</i>	
		FX	Facsimile	
		IT	International Telephone	
			<i>Include the country code.</i>	
		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER06	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER07	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify a third communications number for the party cited in PER02.</i>		
		AU	Defense Switched Network	
		EM	Electronic Mail	
		EX	Telephone Extension	
			<i>Use only if PER05 is used citing either code AU or TE.</i>	
		FX	Facsimile	
		IT	International Telephone	
			<i>Include the country code.</i>	
		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER08	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER09	443	Contact Inquiry Reference	O	AN 1/20
		Additional reference number or description to clarify a contact number		
		<i>Use, if necessary, to provide the title of the party cited in PER02.</i>		

Segment: **SAC** Service, Promotion, Allowance, or Charge Information

Position: 130

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 25

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge.
If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

- Notes:**
1. Use this 2/SAC/130 segments to identify services that apply to a specific line item. If the services apply to all of the line items, use the 1/SAC/120 segment.
 2. Offerors will respond in the quote with amounts and, if applicable, quantities, that apply to the services identified in this segment.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		R Allowance Request	
		<i>Use to comply with the mandatory nature of this data element when identifying a service or potential non-CLIN charge in SAC02 for which the bidder is to provide an amount in the offer.</i>	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		<i>Any code, other than code ZZZZ, may be used but the listed codes are preferred.</i>	
		<i>B180 Cleaning Charge</i>	
		<i>B610 Container Service Charge USA/Canada</i>	
		<i>Use to indicate a reusable container requirement.</i>	

B870 Customs Charge
C240 Disconnect Charge
C330 Distribution Fee
C370 Diversion Charge
C880 Expediting Premium
D500 Handling
D530 Hazardous Cargo Charge
D660 Hook-up charge
D820 Inside Delivery
D870 Inspection
D890 Installation and Training
D900 Installation
E340 Less Than Truckload (LTL) Charge
Use to indicate a less than carload or truckload delivery.

E400 Loading (Labor Charges)
F150 Packaging Service
F460 Postage
F560 Premium Transportation
F830 Proof of Delivery
Use to indicate a DD Form 250.

G030 Reconnect charge
G350 Rents and Leases
G470 Restocking Charge
G530 Rework
G580 Royalties
G660 Scrap Allowance
G740 Service Charge
G760 Set-up
H170 Special Tooling Charge
H430 Storage
H540 Supplemental Items
Use to indicate Contractor Acquired Parts (CAP).

H550 Surcharge
H680 Tax - Governmental
Use to indicate the offeror is required to identify the taxes applicable to the line item amount that are not included in the unit prices. The offeror is to specify the tax type in the 2/SAC/130 segment of the 843 transaction set by use of the appropriate code in SAC02. Codes H680 and H850 may not be used by the offeror for this purpose.

H850 Tax
Use to indicate the offeror is required to identify total taxes applicable to the line item amount that are included in the unit prices. The offeror will use code H850 in SAC02 of the 843 transaction set to identify these total taxes.

H990 Testing Services Charge
I260 Transportation Direct Billing
I380 Unloading (Labor Charges)
I590 Warranties

X	SAC03	559	Refer to 003050 Data Element Dictionary for acceptable code values. Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
X	SAC04	1301	Refer to 003050 Data Element Dictionary for acceptable code values. Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
X	SAC05	610	Amount	O	N2 1/15

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			Monetary amount		
X	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	SAC07	332	Percent	X	R 1/6
			Percent expressed as a percent		
X	SAC08	118	Rate	O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
X	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	SAC10	380	Quantity	X	R 1/15
			Numeric value of quantity		
X	SAC11	380	Quantity	O	R 1/15
			Numeric value of quantity		
X	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
			Code indicating method of handling for an allowance or charge		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	SAC13	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
X	SAC14	770	Option Number	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
X	SAC15	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **IT8** Conditions of Sale**Position:** 140**Loop:** PO1 Mandatory**Level:** Detail**Usage:** Optional**Max Use:** 25**Purpose:** To specify general conditions or requirements and to detail conditions for substitution of alternate products

- Syntax Notes:**
- 1 At least one of IT801 IT802 IT803 IT805 or IT807 is required.
 - 2 If either IT808 or IT809 is present, then the other is required.
 - 3 If either IT810 or IT811 is present, then the other is required.
 - 4 If either IT812 or IT813 is present, then the other is required.
 - 5 If either IT814 or IT815 is present, then the other is required.
 - 6 If either IT816 or IT817 is present, then the other is required.
 - 7 If either IT818 or IT819 is present, then the other is required.
 - 8 If either IT820 or IT821 is present, then the other is required.
 - 9 If either IT822 or IT823 is present, then the other is required.
 - 10 If either IT824 or IT825 is present, then the other is required.
 - 11 If either IT826 or IT827 is present, then the other is required.

- Semantic Notes:**
- 1 IT803 is the maximum monetary amount value which the order must not exceed.
 - 2 IT804 is the account number to which the purchase amount is to be charged.
 - 3 IT805 is the date specified by the sender to be shown on the invoice.

- Comments:**
- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.
 - 2 IT808 through IT827 provides for ten (10) different product/service ID's for each item. Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes: *Use the 2/IT8/140 segment to specify conditions of sale that apply to a specific line item. If the conditions of sale apply to all of the line items, use the 1/CSH/110 segment.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
IT801	563	Sales Requirement Code	X ID 1/2
		Code to identify a specific requirement or agreement of sale	
		BC	Restricted to Historically Black College or University or Minority Institution
		C	Consignment
			<i>Use to indicate an Indian (Native American) preference.</i>
		EI	Restricted to Educational Institutions
		IP	Restricted to Industrial Preparedness Program Participants
		IS	Substitute Item Allowed
			<i>Use to indicate substitute items, including "or equal" items. To specify an "or equal" item, use code X in IT807 in conjunction with this code.</i>
		P2	Ship As Soon As Possible
			<i>Use only with DTM01 code 996.</i>
		P4	Do Not Preship
			<i>Use only when DTM01 is code 064 or 106; or when LDT01 is code AY</i>
		QB	On Qualified Bidders List
		QM	On Qualified Manufacturers List
		QP	Restricted to Qualified Products List (QPL) Products
		SC	Ship Complete
			<i>Use to indicate partial shipments will not be accepted.</i>
		SV	Ship Per Release
			<i>Use to indicate the item will be shipped in-place.</i>
		UC	Restricted to U.S. and Canadian Sources
		UL	Other Unlisted Sales Condition

			<i>Use to indicate another sales condition, e.g., Historically Underutilized Business (HUB) zone. When used, identify the other condition in the 2/N9/320 segment using code KD in N901.</i>	
			UP	Unrestricted Procurement
			YI	Restricted to Young Investigator Program
			Z	Mutually Defined
			<i>Use to indicate a warranty is required.</i>	
X	IT802	564	Do-Not-Exceed Action Code	X ID 1/1
			Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	IT803	610	Amount	X N2 1/15
			Monetary amount	
X	IT804	508	Account Number	O AN 1/35
			Account number assigned	
X	IT805	373	Date	X DT 6/6
			Date (YYMMDD)	
X	IT806	559	Agency Qualifier Code	O ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	IT807	566	Product/Service Substitution Code	X ID 1/2
			Code indicating product or service substitution conditions	
			<i>Use only when IT801 is Code IS to indicate any conditions applicable to offering a substitute product.</i>	
			A	No Quantity or Unit of Measure Change Allowed
			B0	No Substitution Allowed
			<i>Use only when IT801 does not cite code IS.</i>	
			X	Equivalent Item Substitution
			<i>Use to indicate an "or equal" item.</i>	
			Y	Alternate Item Substitution Allowed
X	IT808	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	IT809	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
X	IT810	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	IT811	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
X	IT812	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	IT813	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
X	IT814	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	IT815	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
X	IT816	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	IT817	234	Product/Service ID	X AN 1/40

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X	IT818	235	Identifying number for a product or service Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	IT819	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
X	IT820	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	IT821	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
X	IT822	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	IT823	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
X	IT824	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	IT825	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
X	IT826	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	IT827	234	Product/Service ID Identifying number for a product or service	X	AN 1/40

Segment:	FOB F.O.B. Related Instructions
Position:	180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	<ol style="list-style-type: none"> 1 If FOB03 is present, then FOB02 is required. 2 If FOB04 is present, then FOB05 is required. 3 If FOB07 is present, then FOB06 is required. 4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 FOB01 indicates which party will pay the carrier. 2 FOB02 is the code specifying transportation responsibility location. 3 FOB06 is the code specifying the title passage location. 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	
Notes:	<p><i>1. Use this 2/FOB/180 segment to specify the FOB point and acceptance location for a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all of the line items.</i></p> <p><i>2. This segment is not used when the solicitation is for a service without deliverables or construction.</i></p>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	FOB01	146 Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		BP Paid by Buyer	
		<i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i>	
		PE Prepaid and Summary Bill	
		<i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP Prepaid (by Seller)	
		<i>Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on the award instrument's invoice.</i>	
		PS Paid by Seller	
		<i>Use to indicate transportation charges are included in the unit price.</i>	
	FOB02	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
		<i>Use to identify the FOB point.</i>	
		DE Destination (Shipping)	
		FV Free Alongside Vessel (Free On Board [F.O.B.] Point)	
		IT Intermediate FOB Point	
		<i>Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.</i>	
		KE Port of Embarkation	
		<i>Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of Government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.</i>	
		KL Port of Loading	

				<i>Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.</i>
			OR	Origin (Shipping Point)
			W	Worldwide Geographic Location Code
				<i>Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.</i>
			ZZ	Mutually Defined
				<i>Use to indicate an Other FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.</i>
X	FOB03	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
X	FOB04	334	Transportation Terms Qualifier Code	O ID 2/2
			Code identifying the source of the transportation terms	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	FOB05	335	Transportation Terms Code	X ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	FOB06	309	Location Qualifier	X ID 1/2
			Code identifying type of location	
			<i>Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.</i>	
			DE	Destination (Shipping)
			OR	Origin (Shipping Point)
			ZZ	Mutually Defined
				<i>1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 2/N1/350 loop, citing code 7M in N101.</i>
				<i>2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 2/N1/350 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.</i>
X	FOB07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
X	FOB08	54	Risk of Loss Qualifier	O ID 2/2
			Code specifying where responsibility for risk of loss passes	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	FOB09	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	SDQ Destination Quantity
Position:	190
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	50
Purpose:	To specify destination and quantity detail
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SDQ05 or SDQ06 is present, then the other is required. 2 If either SDQ07 or SDQ08 is present, then the other is required. 3 If either SDQ09 or SDQ10 is present, then the other is required. 4 If either SDQ11 or SDQ12 is present, then the other is required. 5 If either SDQ13 or SDQ14 is present, then the other is required. 6 If either SDQ15 or SDQ16 is present, then the other is required. 7 If either SDQ17 or SDQ18 is present, then the other is required. 8 If either SDQ19 or SDQ20 is present, then the other is required. 9 If either SDQ21 or SDQ22 is present, then the other is required.
Semantic Notes:	1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
Comments:	<ol style="list-style-type: none"> 1 SDQ02 is used only if different than previously defined in the transaction set. 2 SDQ03 is the store number. 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.
Notes:	<i>Use this segment when known quantities of the line item are to be delivered to multiple locations, on the same date, and the locations can be identified by a DUNs number, a CAGE code, a DoDAAC, or a MAPAC.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	SDQ01	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>1. Use any code other than code ZZ, but it must be the same code as specified in PO103.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SDQ02	66 Identification Code Qualifier	O ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		<i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>	
		1	D-U-N-S Number, Dun & Bradstreet
			<i>Use of the DUNs or DUNS+4 number is preferred over other codes to identify an entity.</i>
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
			<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>
		10	Department of Defense Activity Address Code (DODAAC)
			<i>Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.</i>
		33	Commercial and Government Entity (CAGE)
		A2	Military Assistance Program Address Code (MAPAC)

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M	SDQ03	67	Identification Code Code identifying a party or other code	M	AN 2/20
M	SDQ04	380	Quantity Numeric value of quantity	M	R 1/15
	SDQ05	67	Identification Code Code identifying a party or other code	X	AN 2/20
	SDQ06	380	Quantity Numeric value of quantity	X	R 1/15
	SDQ07	67	Identification Code Code identifying a party or other code	X	AN 2/20
	SDQ08	380	Quantity Numeric value of quantity	X	R 1/15
	SDQ09	67	Identification Code Code identifying a party or other code	X	AN 2/20
	SDQ10	380	Quantity Numeric value of quantity	X	R 1/15
	SDQ11	67	Identification Code Code identifying a party or other code	X	AN 2/20
	SDQ12	380	Quantity Numeric value of quantity	X	R 1/15
	SDQ13	67	Identification Code Code identifying a party or other code	X	AN 2/20
	SDQ14	380	Quantity Numeric value of quantity	X	R 1/15
	SDQ15	67	Identification Code Code identifying a party or other code	X	AN 2/20
	SDQ16	380	Quantity Numeric value of quantity	X	R 1/15
	SDQ17	67	Identification Code Code identifying a party or other code	X	AN 2/20
	SDQ18	380	Quantity Numeric value of quantity	X	R 1/15
	SDQ19	67	Identification Code Code identifying a party or other code	X	AN 2/20
	SDQ20	380	Quantity Numeric value of quantity	X	R 1/15
	SDQ21	67	Identification Code Code identifying a party or other code	X	AN 2/20
	SDQ22	380	Quantity Numeric value of quantity	X	R 1/15
X	SDQ23	310	Location Identifier Code which identifies a specific location	O	AN 1/30

Segment:	DTM Date/Time Reference
Position:	200
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required. 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	<p><i>1. Use this 2/DTM/200 segment to provide actual dates applicable to the line item. Use the 1/DTM/150 segment when the date applies to all of the line items.</i></p> <p><i>2. Use this segment for delivery information when the required delivery can be specified as an actual date. If the required delivery is expressed as a set time period after the occurrence of some event, use the 2/LDT/302 loop or the 2/LDT/470 loop if the delivery schedule is applicable to a named entity.</i></p>

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		002	Delivery Requested	<i>Use to indicate that delivery is being requested earlier than required by a basic award instrument.</i>
		007	Effective	<i>Use with codes RD6 or RD8 in DTM06 to indicate the ordering period for a line item, e.g., a provisioned item. Specify the date range in DTM07.</i>
		017	Estimated Delivery	
		063	Do Not Deliver After	<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>
		064	Do Not Deliver Before	<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>
		077	Requested for Delivery (Week of)	<i>When this code is used, cite the beginning day of the week.</i>
		106	Required By	<i>Use to indicate delivery is required exactly on the date specified.</i>
		174	Month Ending	<i>Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.</i>
		193	Period Start	<i>1. Use to indicate the start of a period of performance or lease.</i> <i>2. When this code is used, there must be another iteration of this segment citing code 194 in DTM01.</i>
		194	Period End	<i>1. Use to indicate the end of a period of performance or lease.</i> <i>2. When this code is used, there must be another</i>

			<i>iteration of this segment citing code 193 in DTM01.</i>		
	275	Approved	<i>Use to indicate the approval date of Contract Data Requirements List.</i>		
	368	Submittal	<i>When REF01 is code TN, use to indicate the date of a related transaction set.</i>		
	375	Delivery Start	<i>1. Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified period.</i>		
			<i>2. When this code is used, there must be another iteration of this segment citing code 376 in DTM01.</i>		
	376	Delivery End	<i>1. Use to indicate the end date/time when the total quantity is to be delivered during a specified period.</i>		
			<i>2. When this code is used, there must be another iteration of this segment citing code 375 in DTM01.</i>		
	405	Production	<i>Use to indicate the preparation date of a Contract Data Requirements List.</i>		
	565	Date of Property Inspection	<i>Use to indicate the date of a site or property inspection.</i>		
	600	As Of	<i>Use to indicate the "as of" date for submission of data.</i>		
	601	First Submission	<i>Use to indicate the date of the first submission of a data item specified by a Contract Data Requirements List.</i>		
	602	Subsequent Submission	<i>Use to indicate the date(s) of a subsequent submission(s) of a data item specified by a Contract Data Requirements List.</i>		
	641	Option	<i>Use with DTM02 to indicate the last date for the exercise of an option or with DTM06/07 to indicate the period during which the option may be exercised.</i>		
	937	Department of Labor Wage Determination Date	<i>Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.</i>		
	996	Required Delivery	<i>Use to indicate delivery is required on or before the specified date.</i>		
DTM02	373	Date		X	DT 6/6
		Date (YYMMDD)			
DTM03	337	Time		X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
		<i>If applicable, use to identify the time for a delivery. Specify time only in the HHMM format.</i>			
DTM04	623	Time Code		O	ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a			

restricted character, + and - are substituted by P and M in the codes that follow

CT	Central Time
ET	Eastern Time
GM	Greenwich Mean Time
LT	Local Time
MT	Mountain Time
PT	Pacific Time

DTM05 624 Century O NO 2/2

The first two characters in the designation of the year (CCYY)

DTM06 1250 Date Time Period Format Qualifier X ID 2/3

Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.

3. Use also to qualify a range of dates or times. Use of code RD6 or RD8 is preferred for expressing a date range.

Refer to 003050 Data Element Dictionary for acceptable code values.

DTM07 1251 Date Time Period X AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	250
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	<i>Use this/TD5/250 segment to specify the transportation method that is applicable to a specific line item. Use the 2/TD5/420 segment if the transportation method for the line item applies to a named entity.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
X	TD501	133 Routing Sequence Code	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement Refer to 003050 Data Element Dictionary for acceptable code values.	
	TD502	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		10 Department of Defense Activity Address Code (DODAAC)	
		<i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>	
	TD503	67 Identification Code	X AN 2/20
		Code identifying a party or other code	
	TD504	91 Transportation Method/Type Code	X ID 1/2
		Code specifying the method or type of transportation for the shipment	
		<i>1. Use any code other than code ZZ.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		D Parcel Post	
		<i>Use to indicate the US Postal Service and not a private carrier.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD505	387 Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
X	TD506	368 Shipment/Order Status Code	X ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD507	309 Location Qualifier	O ID 1/2
		Code identifying type of location	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD508	310 Location Identifier	X AN 1/30
		Code which identifies a specific location	
X	TD509	731 Transit Direction Code	O ID 2/2

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			The point of origin and point of direction		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD510	732	Transit Time Direction Qualifier	O	ID 2/2
			Code specifying the value of time used to measure the transit time		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD511	733	Transit Time	X	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		
			<i>Use any code other than code ZZ.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment: **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position: 270
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.
 2 If TD402 is present, then TD403 is required.

Semantic Notes:**Comments:****Notes:**

Use this 2/TD4/270 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/440 segment when the information applies to a named entity.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>	
		AMM A.M. Delivery Requirement	
		DA Dangerous	
		EP Expedite	
		EX Explosive Flammable Gas	
		FG Flammable Gas	
		FL Flammable	
		FP Flammable Poison Gas	
		HM Endorsed as Hazardous Material	
		LT Less Than Full Carload	
		LTT Less Than Truckload	
		NC Notify Consignee Before Delivery	
		PG Poisonous Gas	
		PMM P.M. Delivery Requirement	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

Segment:	MAN Marks and Numbers
Position:	280
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	<ol style="list-style-type: none"> 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06. 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
Notes:	<ol style="list-style-type: none"> 1. Use this 2/MAN/280 segment to identify marks and numbers that apply to a specific line item. Use the 1/MAN/270 segment to identify marks and numbers that apply to all of the line items. 2. Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	MAN01	88	Marks and Numbers Qualifier	M ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			L Line Item Only	
M	MAN02	87	Marks and Numbers	M AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN03	87	Marks and Numbers	O AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN04	88	Marks and Numbers Qualifier	X ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			L Line Item Only	
	MAN05	87	Marks and Numbers	X AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN06	87	Marks and Numbers	O AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	

Segment:	RRA Required Response
Position:	290
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To indicate information that is required to be included in the response
Syntax Notes:	
Semantic Notes:	1 Use RRA02 only to specify applicable regulatory or contractual clause.
Comments:	
Notes:	

Use this 2/RRA/290 segment to indicate to prospective offerors that information, applicable to a specific line item, must be provided with their proposal, e.g., a certification, a representation or fill-in information. Use the 1/RRA/280 segment when the information offerors are to provide applies to all of the line items.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	RRA01	701 Information Type	M ID 2/2
		Code specifying the information required in the response	
		14 As Indicated by the Cited Reference	
		<i>Use to indicate the reference number that requires an offeror to provide a certification, representation or other information. This reference number will be a clause number or some unique reference number previously provided to offerors.</i>	
	RRA02	127 Reference Number	O AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

Segment:	MSG Message Text
Position:	295
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	<i>1. Use to provide any plain text information not associated with a lead time, a clause, or an address.</i> <i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment:	SPI Specification Identifier
Position:	296
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To provide a description of the included specification or technical data items
Syntax Notes:	1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	<i>Use this segment to identify those elements of the solicitation that are classified and to specify the level of classification.</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SPI01	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following <i>Use to identify the level of government security classification assigned to the items identified in SPI02/03.</i> 92 Government Confidential 93 Government Secret 94 Government Top Secret	M ID 2/2
	SPI02	128	Reference Number Qualifier Code qualifying the Reference Number. <i>1. Use to identify items within the transaction set that are classified, e.g., FMS case number, drawing number, SOW, etc. Use SPI04 to further define the number or description of the item cited in SPI03, if necessary.</i> <i>2. Use any code other than code ZZ.</i> <i>DD Document Identification</i> <i>Use to indicate an Engineering Data List.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
	SPI03	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
	SPI04	790	Entity Title Title of the data entity <i>Use only if necessary to further define the item cited in SPI03.</i>	O AN 1/132
X	SPI05	791	Entity Purpose The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction	O AN 1/80
X	SPI06	792	Entity Status Code Code indicating the current status of the data item specified by the electronic data item Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/1
X	SPI07	353	Transaction Set Purpose Code Code identifying purpose of transaction set Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	SPI08	755	Report Type Code Code indicating the title or contents of a document, report or supporting item Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	SPI09	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	SPI10	559	Agency Qualifier Code	O ID 2/2

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			Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SPI11	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
X	SPI12	554	Assigned Number	O N0 1/6
			Number assigned for differentiation within a transaction set	
X	SPI13	1322	Certification Type Code	O ID 1/1
			Code indicating the type of certification	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SPI14	1401	Proposal Data Detail Identifier Code	O ID 1/3
			Code identifying the basis of a cited value in a proposal	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment:	SCH Line Item Schedule
Position:	297
Loop:	SCH Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the data for scheduling a specific line-item
Syntax Notes:	1 If SCH03 is present, then SCH04 is required. 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required. 3 If SCH09 is present, then SCH08 is required. 4 If SCH10 is present, then SCH08 is required.
Semantic Notes:	1 SCH12 is the schedule identification.
Comments:	1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes:	<i>Use this 2/SCH/297 segment to identify a partial delivery when it can be specified as an actual date and there is only one ship-to addressee. If there is more than one entity receiving a partial shipment, use the 2/SCH/405 segment.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SCH01	380	Quantity Numeric value of quantity	M R 1/15
M	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	M ID 2/2
X	SCH03	98	Entity Identifier Code Refer to 003050 Data Element Dictionary for acceptable code values. Code identifying an organizational entity, a physical location, or an individual	O ID 2/2
X	SCH04	93	Name Free-form name	X AN 1/35
M	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 002 Delivery Requested <i>Use to indicate that delivery is requested earlier than required by a basic award instrument.</i> 017 Estimated Delivery 063 Do Not Deliver After <i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i> 064 Do Not Deliver Before <i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i> 077 Requested for Delivery (Week of) <i>When this code is used, cite the beginning day of the week.</i> 106 Required By <i>Use to indicate delivery is required exactly on the date specified.</i> 174 Month Ending <i>Use to indicate delivery is required on the last day of the specified month.</i> 358 Cycle Begin 375 Delivery Start <i>Use to indicate the required start date for deliveries</i>	M ID 3/3

				<i>when the total quantity is to be delivered during a specified time period.</i>
		996	Required Delivery	<i>Use to indicate delivery is required on or before the specified date.</i>
M	SCH06	373	Date	M DT 6/6
			Date (YYMMDD)	
	SCH07	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>Use, if applicable, to identify the time for a delivery.</i>	
	SCH08	374	Date/Time Qualifier	X ID 3/3
			Code specifying type of date or time, or both date and time	
		002	Delivery Requested	<i>Use to indicate that delivery is requested earlier than required by a basic award instrument.</i>
		017	Estimated Delivery	
		063	Do Not Deliver After	<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>
		064	Do Not Deliver Before	<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>
		077	Requested for Delivery (Week of)	<i>When this code is used, cite the beginning day of the week.</i>
		106	Required By	<i>Use to indicate delivery is required exactly on the date specified.</i>
		174	Month Ending	<i>Use to indicate delivery is required on the last day of the specified month.</i>
		359	Cycle End	
		376	Delivery End	<i>Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.</i>
		996	Required Delivery	<i>Use to indicate delivery is required on or before the specified date.</i>
	SCH09	373	Date	X DT 6/6
			Date (YYMMDD)	
	SCH10	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>Use, if applicable, to identify the time for a delivery.</i>	
	SCH11	326	Request Reference Number	O AN 1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)	
			<i>Use, as applicable, to cross reference the cited line item, for example, to an RFQ or requisition number.</i>	
X	SCH12	350	Assigned Identification	O AN 1/11
			Alphanumeric characters assigned for differentiation within a transaction set	

Segment:	LDT Lead Time
Position:	302
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	1 LDT04 is the effective date of lead time information.
Comments:	1 LDT02 is the quantity of unit of time periods.
Notes:	<p><i>1. Use this 2/LDT/302 loop when the delivery schedule is expressed as a set time period after the occurrence of some event and varies by line item. If the delivery schedule is applicable to a named entity, use the 2/LDT/470 loop. If this segment is used, the 2/DTM/200 segment is not used to describe a delivery schedule.</i></p> <p><i>2. The following are examples of how this LDT loop can be used to specify a delivery schedule:</i></p> <p><i>Example 1: Deliver 50 each 180 days after date of order.</i></p> <p><i>LDT*AY*180*DA n/l</i> <i>QTY*1J*50*EA n/l</i></p> <p><i>Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.</i></p> <p><i>LDT*AY*180*DA n/l</i> <i>QTY*1J*50*MO n/l</i></p> <p><i>Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is completed.</i></p> <p><i>LDT*AY*90*DA n/l</i> <i>QTY*1J*2500*Q1 n/l</i> <i>QTY*1K*4*Q1 n/l</i> <i>LDT*AM*1*MO n/l</i> <i>QTY*1J*1000*MO n/l</i> <i>QTY*1K*10*MO n/l</i> <i>LDT*AK*1*MO n/l</i> <i>QTY*1J*500*EA n/l</i></p>

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LDT01	345 Lead Time Code	M ID 2/2
		Code indicating the time range	
		AD	From date of sample approval to first product shipment
		AH	From Date of Receipt of First Article to First Article Approval
		AI	From Date of a Specified Event to Delivery
			<i>When this code is used, identify the specified event in the following MSG segment.</i>
		AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)
		AK	From Date Of Latest Delivery To Final Delivery
		AM	From Date Of Previous Delivery To Date Of Subsequent Delivery
		AV	From Date of Award to Date of Latest Delivery

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			AW	From Date of Award to Date of Earliest Delivery	
			AX	From Date of Award to Date of Completion	
				<i>Use to indicate the completion date for a level of effort.</i>	
			AY	From Date of Award to Date of Delivery	
			AZ	From Date of Receipt of Item to Date of Approval of Item	
M	LDT02	380	Quantity		M R 1/15
			Numeric value of quantity		
M	LDT03	344	Unit of Time Period or Interval		M ID 2/2
			Code indicating the time period or interval		
			CY	Calendar Year	
			DA	Calendar Days	
			KK	Maximum Calendar Days	
				<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>	
			MO	Month	
			QY	Quarter of a Year	
			SA	Semiannual	
			WK	Weeks	
	LDT04	373	Date		O DT 6/6
			Date (YYMMDD)		
				<i>Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.</i>	

Segment: **QTY** Quantity
Position: 303
Loop: LDT Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:
Notes:

1. Use this segment to specify the quantity of the item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, week, months, quarter, years.

2. Use also, to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
		1J	Due	
			<i>Use to indicate the quantity to be delivered.</i>	
		1K	Time Units	
			<i>Use to indicate the length of the delivery period.</i>	
		52	Number of Originals	
			<i>Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		K6	Drafts	
			<i>Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		KF	Duplicates	
			<i>Use to indicate the number of reproducible copies of a data item on a Contract Data requirements List that are to be delivered.</i>	
		SA	Shipments	
			<i>Use to indicate the number of shipments expected to complete the deliverable quantity.</i>	
M	QTY02	380	Quantity	M R 1/15
			Numeric value of quantity	
			<i>1. When QTY01 is Code 1J, cite the quantity to be delivered.</i>	
			<i>2. When QTY01 is Code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03, identify the time measurement of the delivery period, e.g., months.</i>	
	QTY03	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		DA	Days	

When QTY01 is Code 1J, use to indicate frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

MO Months

When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)

When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

WK Week

When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

YR Years

When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **MSG** Message Text
Position: 304
Loop: LDT Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: *When LDT01 is Code AI, use this segment to identify the specified event.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **LM** Code Source Information
Position: 305
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Use this 2/LM/305 loop to provide codes from DoD 5010.12-M that identify the frequency of delivery for a CDRL data item.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
X	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** **Industry Code**
Position: 306
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list FX Frequency <i>Use to indicate the frequency of delivery code for a data item deliverable on a Contract Data Requirements List (DD Form 1423).</i>	O ID 1/3
LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/20

Segment: **N9** Reference Number

Position: 320

Loop: N9 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

Comments:

Notes:

1. Use the 2/N9/320 loop to identify FAR, DFARS, Agency, or command clauses, OMB Circular, special instructions or other references that are applicable to a specific line item. If the information applies to all of the line items, use the 1/N9/290 loop.

2. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and the date MUST be cited in the following MSG segment.

3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may optionally be cited in the following MSG segment.

Data Element Summary

M	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	N901	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			5N	Citation of Statute
				<i>Use to indicate the legislative authorization number under which a line item in the resulting instrument, e.g., a grant, will be awarded. Cite the legislative program title in N903.</i>
			73	Statement of Work (SOW)
			BB	Authorization Number
				<i>Use to indicate the Code of Federal Regulations.</i>
			CJ	Clause Number
				<i>1. Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, DFARS, etc.). Identify the purchasing activity issuing the clause in N903.</i>
				<i>2. DO NOT use for a purchasing activity payment related clause. Use code H5 in that instance.</i>
			DF	Defense Federal Acquisition Regulations (DFAR)
			DX	Department/Agency Number
				<i>1. Use to indicate an Agency clause and identify the agency in N903.</i>
				<i>2. DO NOT use for a purchasing activity payment related clause. Use code H5 in that instance.</i>
			EC	Circular
				<i>Use to indicate an Office of Management and Budget (OMB) circular number.</i>
			FA	Federal Acquisition Regulations (FAR)
			GS	General Services Administration Regulations (GSAR)
			H5	Special Clause
				<i>Use this code only to indicate a local, purchasing activity or agency payment related clause. DO NOT use for a FAR or DFARS payment related clause. Use either code FA or DF in that instance.</i>

		K7	Paragraph Number <i>Use to indicate information for an offeror. Cite an applicable number in N902 and provide the information in the following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires.</i>
		KD	Special Instructions Number <i>Use to indicate a special instruction. Indicate the agency, command or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.</i>
		KT	Request for Quotation Reference <i>Use to indicate another type of reference number applicable to the solicitation. This number is not the solicitation number (which is carried in BQT02). This code can be used as a means to provide clear text information, i.e., Notice to Bidders, in the following MSG segment. Another example of the use of this code can be to provide the reason for the cancellation of the solicitation.</i>
		KY	Site Specific Procedures, Terms, and Conditions
		KZ	Master Solicitation Procedures, Terms, and Conditions <i>Use to indicate a Master Solicitation number that contains applicable terms and conditions.</i>
		VB	Department of Veterans Affairs Acquisition Regulations (VAAR)
		ZZ	Mutually Defined <i>Use to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.</i>
	N902	127	Reference Number X AN 1/30 Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.
	N903	369	Free-form Description X AN 1/45 Free-form descriptive text <i>1. When N901 is code CJ or DX, use to identify the agency, command, or purchasing activity issuing the clause cited in N902.</i> <i>2. When N901 is code ZZ, use to identify the source of the reference and use the following MSG segment for text, if necessary.</i> <i>3. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>
	N904	373	Date O DT 6/6 Date (YYMMDD) <i>Use to indicate the date of the clause cited in N902. The DD portion of the date is always 01.</i>
X	N905	337	Time X TM 4/8 Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
X	N906	623	Time Code O ID 2/2 Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a

restricted character, + and - are substituted by P and M in the codes that follow
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	MSG Message Text
Position:	330
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	<p><i>1. Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.</i></p> <p><i>2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.</i></p> <p><i>3. When providing fill-in information, the following format is recommended:</i></p> <p><i>a) In the first iteration of the segment, cite the clause title, and the clause Alternate identifier if applicable, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.</i></p> <p><i>b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.</i></p> <p><i>4. The purpose of the pipe sign () is to provide an indication to receiving applications that the data string related to a single entry has been completed.</i></p> <p><i>An example of a clause with 3 fill-ins follows:</i></p> <p><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984)/3/</i> <i>MSG*1. 30/</i> <i>MSG*2. 30 Sep 1995/</i> <i>MSG*3. 15 Jan 1995/</i></p> <p><i>5. An example alternative format provides all fill-in information within the title MSG segment as follows:</i></p> <p><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984)/3/30/Sep 30, 1995/Jan 15, 1995/</i></p>

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
M	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
X	MSG02	934	Printer Carriage Control Code	O ID 2/2
			A field to be used for the control of the line feed of the receiving printer	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment:	N1 Name
Position:	340
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	1. Use the 2/N1/340 loop to identify organizations and locations that apply to a specific line item. Use the 1/N1/310 loop to identify organizations and locations that apply to all of the line items. 2. Whenever possible, identification and address information should be provided using N101, N103 and N104. Use N102 and segments N2 through N4, as applicable, when this information cannot be provided using one of the codes listed in N103. 3. When this segment is used to provide a ship-to address for distribution of a data item on a Contract Data Requirements List, N102 should be used to specify the office symbol or code within the receiving organization, if necessary.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		31 Postal Mailing Address	<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i>
		44 Data Processing Service Bureau	<i>Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>
		7G Hazardous Material Office	<i>Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location.</i>
		7L Preliminary Inspection Location	<i>Use to indicate the inspection location of a first article.</i>
		7M Inspection and Acceptance Location	<i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>
		88 Approver	<i>Use to indicate the party approving a Contract Data Requirements List.</i>
		CY Country	<i>Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable two position ISO 3166 country code in N404.</i>

		EL	Established Location <i>Use to indicate the site or property inspection location.</i>	
		IC	Intermediate Consignee <i>When FOB02 is code IT, use to indicate a freight forwarder.</i>	
		IS	Party to Receive Certified Inspection Report	
		KF	Audit Office	
		KG	Project Manager <i>Use to indicate the government party responsible for a project to include the advisor under a grant</i>	
		KX	Free on Board Point <i>Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination. Applicable when FOB02 is code KE, KL or ZZ.</i>	
		KY	Technical Office <i>Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.</i>	
		KZ	Acceptance Location <i>Use when the acceptance point is other than at origin or destination.</i>	
		L1	Inspection Location <i>Use to indicate the inspection location when it has to be described as an address.</i>	
		P1	Preparer <i>Use to indicate the preparer of a Contract Data Requirements List.</i>	
		PW	Pick Up Address <i>Use to indicate the location where government property is to be picked up for repair or other disposition.</i>	
		R6	Requester <i>Use to indicate the requesting agency/activity.</i>	
		ST	Ship To <i>Use to indicate the address to which an item must be shipped. If the address is an FPO or APO, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.</i>	
		SV	Service Performance Site <i>Use to indicate the location where a service is to be performed, e.g., grass cutting.</i>	
		TS	Party to Receive Certified Test Results <i>When IT801 is Code QP, use to indicate the party to whom an offeror should submit the certified test results which demonstrate that he or his quoted product meets the established standards for qualification.</i>	
		X2	Party to Perform Packaging	
		Z7	Mark-for Party	
N102	93	Name		X AN 1/35
		Free-form name		
N103	66	Identification Code Qualifier		X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		<i>While the federal EDI program uses the DUNS number, other government</i>		

users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

		1	D-U-N-S Number, Dun & Bradstreet		
			<i>The DUNs or DUNS+4 number is preferred over other codes to identify an entity.</i>		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			<i>The DUNs or DUNS+4 number is preferred over other codes to identify an entity.</i>		
		10	Department of Defense Activity Address Code (DODAAC)		
			<i>Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.</i>		
		16	ZIP Code		
			<i>When N101 is Code ST, use to indicate a general shipping area for quoting purposes.</i>		
		33	Commercial and Government Entity (CAGE)		
		A2	Military Assistance Program Address Code (MAPAC)		
	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
X	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	N106	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment: **N2** Additional Name Information
Position: 350
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 360
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment:	N4 Geographic Location
Position:	370
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 3/11
N404	26	Country Code Code identifying the country <i>Cite the two position ISO 3166 country code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/3
N405	309	Location Qualifier Code identifying type of location AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).</i>	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location <i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	O AN 1/30

Segment:	PER Administrative Communications Contact
Position:	390
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	<ol style="list-style-type: none"> 1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	<i>Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.</i>

Data Element Summary			
Ref.	Data	Name	Attributes
Des.	Element		
M	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named <i>Use to identify communication numbers of parties associated with an address in this N1 loop.</i> AV Advisor <i>Use in conjunction with N101 code KG to indicate the government party who will work with the eventual contractor on basic R&D efforts in a particular science area.</i> IC Information Contact <i>When no other qualifier code is applicable, use to indicate a general information point of contact at the location cited in N101.</i> PP Program Manager <i>1. Includes the Grants Project Officer</i> <i>2. Use in conjunction with N101 code KG.</i>
	PER02	93	Name Free-form name <i>Use to identify the name of a point of contact. Last name followed by first name is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>
	PER03	365	Communication Number Qualifier Code identifying the type of communication number AU Defense Switched Network EM Electronic Mail FX Facsimile IT International Telephone <i>Include the country code.</i> TE Telephone <i>Use to indicate the commercial telephone number of individual cited in PER02. Include the area code.</i>
	PER04	364	Communication Number Complete communications number including country or area code when applicable <i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>
	PER05	365	Communication Number Qualifier Code identifying the type of communication number <i>Use to identify a second communications number for the party cited in</i>

PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.

AU Defense Switched Network

EM Electronic Mail

EX Telephone Extension

Use only if PER03 is used citing code AU or TE

FX Facsimile

IT International Telephone

Include the country code.

TE Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER06 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER07 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

Use to identify a third communications number for the party cited in PER02.

AU Defense Switched Network

EM Electronic Mail

EX Telephone Extension

Use only if PER05 is used citing code AU or TE.

FX Facsimile

IT International Telephone

Include the country code.

TE Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER08 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER09 443 Contact Inquiry Reference O AN 1/20

Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title of the party cited in PER02.

Segment:	SCH Line Item Schedule
Position:	405
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To specify the data for scheduling a specific line-item
Syntax Notes:	1 If SCH03 is present, then SCH04 is required. 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required. 3 If SCH09 is present, then SCH08 is required. 4 If SCH10 is present, then SCH08 is required.
Semantic Notes:	1 SCH12 is the schedule identification.
Comments:	1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes:	<i>Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.</i>

Data Element Summary				
	Ref.	Data		
	Des.	Element	Name	Attributes
M	SCH01	380	Quantity Numeric value of quantity	M R 1/15
M	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	M ID 2/2
X	SCH03	98	Entity Identifier Code Refer to 003050 Data Element Dictionary for acceptable code values. Code identifying an organizational entity, a physical location, or an individual	O ID 2/2
X	SCH04	93	Name Free-form name	X AN 1/35
M	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 002 Delivery Requested <i>Use to indicate that delivery is requested earlier than required by a basic award instrument.</i> 017 Estimated Delivery 063 Do Not Deliver After <i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i> 064 Do Not Deliver Before <i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i> 077 Requested for Delivery (Week of) <i>When this code is used, cite the beginning day of the week.</i> 106 Required By <i>Use to indicate delivery is required exactly on the date specified.</i> 174 Month Ending <i>Use to indicate delivery is required on the last day of the specified month.</i> 358 Cycle Begin 375 Delivery Start <i>Use to indicate the required start date for deliveries when the total quantity is to be delivered during a</i>	M ID 3/3

				<i>specified time period.</i>	
		996		Required Delivery	
				<i>Use to indicate delivery is required on or before the specified date.</i>	
M	SCH06	373	Date	M DT 6/6	
			Date (YYMMDD)		
	SCH07	337	Time	O TM 4/8	
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
			<i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>		
	SCH08	374	Date/Time Qualifier	X ID 3/3	
			Code specifying type of date or time, or both date and time		
		002	Delivery Requested		
			<i>Use to indicate that delivery is requested earlier than required by a basic award instrument.</i>		
		017	Estimated Delivery		
		063	Do Not Deliver After		
			<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>		
		064	Do Not Deliver Before		
			<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>		
		077	Requested for Delivery (Week of)		
			<i>When this code is used, cite the beginning day of the week.</i>		
		106	Required By		
			<i>Use to indicate delivery is required exactly on the date specified.</i>		
		174	Month Ending		
			<i>Use to indicate delivery is required on the last day of the specified month.</i>		
		359	Cycle End		
		376	Delivery End		
			<i>Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.</i>		
		996	Required Delivery		
			<i>Use to indicate delivery is required on or before the specified date.</i>		
	SCH09	373	Date	X DT 6/6	
			Date (YYMMDD)		
	SCH10	337	Time	X TM 4/8	
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
			<i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>		
	SCH11	326	Request Reference Number	O AN 1/45	
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)		
			<i>Use, as applicable, to cross reference the cited line item, for example, to an RFQ or requisition number.</i>		
X	SCH12	350	Assigned Identification	O AN 1/11	
			Alphanumeric characters assigned for differentiation within a transaction set		

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	420
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	<i>Use this 2/TD5/420 segment to specify the transportation method applicable to a named entity for a specific line item.</i>

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
X	TD501	133 Routing Sequence Code	O	ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
	TD502	66 Identification Code Qualifier	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		10 Department of Defense Activity Address Code (DODAAC)		
		<i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>		
	TD503	67 Identification Code	X	AN 2/20
		Code identifying a party or other code		
	TD504	91 Transportation Method/Type Code	X	ID 1/2
		Code specifying the method or type of transportation for the shipment		
		<i>1. Use any code other than code ZZ.</i>		
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>		
		D Parcel Post		
		<i>Use to indicate the US Postal Service and not a private carrier.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD505	387 Routing	X	AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
X	TD506	368 Shipment/Order Status Code	X	ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD507	309 Location Qualifier	O	ID 1/2
		Code identifying type of location		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD508	310 Location Identifier	X	AN 1/30
		Code which identifies a specific location		
X	TD509	731 Transit Direction Code	O	ID 2/2
		The point of origin and point of direction		

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X	TD510	732	Refer to 003050 Data Element Dictionary for acceptable code values.		
			Transit Time Direction Qualifier	O	ID 2/2
			Code specifying the value of time used to measure the transit time		
X	TD511	733	Refer to 003050 Data Element Dictionary for acceptable code values.		
			Transit Time	X	R 1/4
			The numeric amount of transit time		
	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		
			<i>Use any code other than code ZZ.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment: **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position: 440
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes: **1** At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

Semantic Notes:**Comments:****Notes:**

Use this 2/TD4/440 segment when special handling or hazardous material information is applicable to a named entity for a specific line item.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD401	152	Special Handling Code Code specifying special transportation handling instructions <i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i> AMM A.M. Delivery Requirement DA Dangerous EP Expedite EX Explosive Flammable Gas FG Flammable Gas FL Flammable FP Flammable Poison Gas HM Endorsed as Hazardous Material LT Less Than Full Carload LTT Less Than Truckload NC Notify Consignee Before Delivery PG Poisonous Gas PMM P.M. Delivery Requirement	X ID 2/3
TD402	208	Refer to 003050 Data Element Dictionary for acceptable code values. Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209) <i>Use any code.</i>	X ID 1/1
TD403	209	Refer to 003050 Data Element Dictionary for acceptable code values. Hazardous Material Class Code Code specifying the kind of hazard for a material	X AN 2/4
TD404	352	Description A free-form description to clarify the related data elements and their content <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80

Segment:	PKG Marking, Packaging, Loading
Position:	450
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of PKG04 PKG05 or PKG06 is required. 2 If PKG04 is present, then PKG03 is required. 3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 Special marking or tagging data can be given in PKG05 (description).
Notes:	<p><i>1. Use this 2/PKG/450 segment to identify packaging requirements applicable to a named entity for a specific line item.</i></p> <p><i>2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.</i></p> <p><i>3. When physical detail information is required for the same line item going to various ship-to addressees, SUBCLINS must be used.</i></p> <p><i>4. The use of MILSTD 2073-1C codes to identify packaging requirements for items in this award instrument are primarily for items that are expected to enter the military distribution system. Commercial packaging is expected to be used to the maximum extent possible for all other items.</i></p> <p><i>5. Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04.</i></p>

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PKG01	349	Item Description Type Code indicating the format of a description F Free-form S Structured (From Industry Code List) X Semi-structured (Code and Text)	X ID 1/1
PKG02	753	Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described <i>Use the listed codes to identify the applicable packaging requirements.</i> CD Cleaning or Drying Procedure CT Cushioning Thickness CUD Cushioning and Dunnage IC Intermediate Container OPI Optional Procedure Indicator PK Packing <i>To specify commercial packaging, cite code DF in PKG03 and code U in PKG04.</i> PM Preservation Method PML Preservation Material SMK Special Marking	O ID 1/5

		UC	Unit Container		
		UCL	Unit Container Level		
		WM	Wrapping Material		
	PKG03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA)		
		ZZ	Mutually Defined		
			<i>Use to indicate a federal activity other than DoD or GSA.</i>		
	PKG04	754	Packaging Description Code	X	AN 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product		
			<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC XI2 Code Source List 197 (which is MIL-STD 2073-2C).</i>		
			<i>2. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>		
	PKG05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			<i>Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>		
X	PKG06	400	Unit Load Option Code	X	ID 2/2
			Code identifying loading or unloading a shipment		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment:	LDT Lead Time
Position:	470
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	1 LDT04 is the effective date of lead time information.
Comments:	1 LDT02 is the quantity of unit of time periods.
Notes:	

1. Use this 2/LDT/470 loop if the delivery schedule is expressed as a set period after the occurrence of some event and the ship-to address differs by line item. If the delivery schedule is the same for all the ship-to addressees of the line item, use the 2/LDT/297 loop.

2. The following are examples of how this LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after date of order.

*LDT*AY*180*DA n/l
QTY*1J*50*EA n/l*

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.

*LDT*AY*180*DA n/l
QTY*1J*50*MO n/l*

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is completed.

*LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l*

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
M	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the time range	
		AD	From date of sample approval to first product shipment	
		AH	From Date of Receipt of First Article to First Article Approval	
		AI	From Date of a Specified Event to Delivery	
			<i>When this code is used, specify the event in the following MSG segment.</i>	
		AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)	
		AK	From Date Of Latest Delivery To Final Delivery	
		AM	From Date Of Previous Delivery To Date Of Subsequent Delivery	
		AV	From Date of Award to Date of Latest Delivery	

			AW	From Date of Award to Date of Earliest Delivery	
			AX	From Date of Award to Date of Completion	
				<i>Use to indicate the completion date for a level of effort.</i>	
			AY	From Date of Award to Date of Delivery	
			AZ	From Date of Receipt of Item to Date of Approval of Item	
M	LDT02	380	Quantity		M R 1/15
			Numeric value of quantity		
M	LDT03	344	Unit of Time Period or Interval		M ID 2/2
			Code indicating the time period or interval		
			CY	Calendar Year	
			DA	Calendar Days	
			KK	Maximum Calendar Days	
				<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>	
			MO	Month	
			QY	Quarter of a Year	
			SA	Semiannual	
			WK	Weeks	
	LDT04	373	Date		O DT 6/6
			Date (YYMMDD)		
			<i>Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.</i>		

Segment:	MAN Marks and Numbers
Position:	480
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	<ol style="list-style-type: none"> 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06. 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
Notes:	<ol style="list-style-type: none"> 1. <i>Use this segment to identify marks and numbers associated with a ship-to addressee.</i> 2. <i>Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.</i>

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) L Line Item Only	M ID 1/2
M	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/45
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45
	MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) L Line Item Only	X ID 1/2
	MAN05	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/45
	MAN06	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45

Segment: **QTY** Quantity
Position: 490
Loop: LDT Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:
Notes:

1. Use this segment to specify the quantity of the item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, week, months, quarter, years.

2. Use also, to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	QTY01	673	Quantity Qualifier	M ID 2/2
		Code specifying the type of quantity		
		1J	Due	
			<i>Use to indicate the quantity to be delivered.</i>	
		1K	Time Units	
			<i>Use to indicate the length of the delivery period.</i>	
		52	Number of Originals	
			<i>Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		K6	Drafts	
			<i>Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		KF	Duplicates	
			<i>Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		SA	Shipments	
			<i>Use to indicate the number of shipments expected to complete the deliverable quantity.</i>	
M	QTY02	380	Quantity	M R 1/15
		Numeric value of quantity		
			<i>1. When QTY01 is Code 1J, cite the quantity to be delivered.</i>	
			<i>2. When QTY01 is Code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03, identify the time measurement of the delivery period, e.g., months.</i>	
	QTY03	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		DA	Days	

When QTY01 is Code 1J, use to indicate frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

MO Months

When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)

When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

WK Week

When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

YR Years

When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **MSG** Message Text
Position: 500
Loop: LDT Optional
Level: Detail
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: *When LDT01 is code AI, use to identify the specified event.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment:	CTT Transaction Totals
Position:	010
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required. 2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set <i>Use to identify the number of PO1 segments contained in this transaction set.</i>	M N0 1/6
	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. <i>This is the sum of the quantities (PO102) for all of the PO1 segments.</i>	O R 1/10
X	CTT03	81	Weight Numeric value of weight	X R 1/10
X	CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT05	183	Volume Value of volumetric measure	X R 1/8
X	CTT06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	Des.	Element	Name	Attributes
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Enter the same number carried in ST02.</i>	